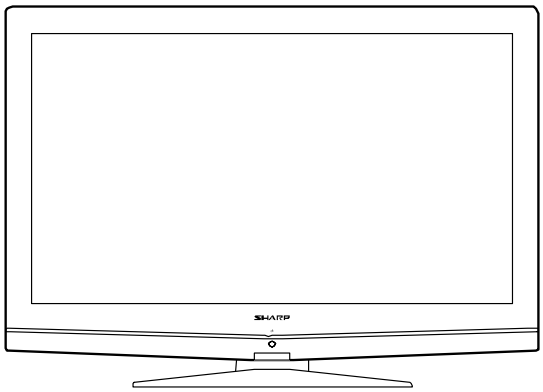
SHARP

SERVICE MANUAL

No. S88T2LC42SB55



LCD COLOUR TELEVISION

LC-26SB25E/S/RU
LC-32SB25E/S/RU
MODELS LC-42SB55E/S/RU

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Parts marked with ⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

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The contents are subject to change without notice.

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

■ Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

■ WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION:
FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
42" F901 (T6.3AH/250V)
26"/32" F901 (T5AH/250V)

■ BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

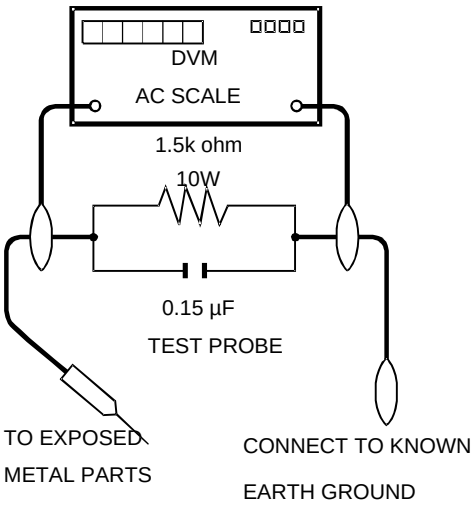
Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 220~240 volt AC outlet.
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

  Any reading of 1.05 V peak (this corresponds to 0.7 mA peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor

can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠ and shaded areas in the Replacement Parts List and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
  As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
  Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
  If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
  When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

CHAPTER 1. OPERATION MANUAL

[1] SPECIFICATIONS

Specification

Item			26” LCD Colour TV, model: LC-26SB25E, LC-26SB25S	32” LCD Colour TV, model: LC-32SB25E, LC-32SB25S	42” LCD Colour TV, model: LC-42SB55E, LC-42SB55S
LCD panel			26” diagonal	32” diagonal	42” diagonal
Number of dots			3,147,264 dots (1366 X 768 X 3dots)	3,147,264 dots (1366 X 768 X 3 dots)	6,220,800 dots (1920 X 1080 X 3 dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60		
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L/L’)		
		Digital	DVB-T (2K/8K OFDM)		
	Receiving Channel	VHF/UHF	ATV : IRA-E69, DVB-T : E5-E69		
		CATV	S-band, S1–S41ch		
	TV-Tuning System		Auto Preset 999 ch, Auto Label, Auto Sort		
	STEREO/BILINGUAL		NICAM/A2		
Brightness			500 cd/m2	450 cd/m2	500 cd/m2
Backlight life			60,000 hours (at Backlight Standard position)		
Viewing angles			H : 160° V : 150°	H : 176° V : 176°	
Audio amplifier			5W X 2	5W X 2	10W X 2
Speaker			(100 mm X 30 mm) X 2	(100 mm X 30 mm) X 2	(140 mm X 30 mm) X 2
Rear	Antenna		UHF/VHF 75 Ω		
	RS-232C		D-Sub 3 pin male connector		
	SCART 1		SCART (AV input, Y/C input, RGB input, TV output-analogue only)		
	SCART 2		SCART (AV input, Y/C input, monitor output (analogue source - RF, SCART 1, SIDE AV; digital source - DTV sound only))		
	PC IN		VGA pin (AV input), Ø 3.5mm jack (Audio output)		
	Component		Y/Pb(Cb)/Pr(Cr), RCA pin (L/R)		
	SPDIF		Digital audio output		
	AUDIO OUT		RCA pin (L/R)		
	HDMI 1				
	HDMI 2				
Side	C. I. (Common Interface)		EN50221, R206001		
	Headphones		Ø 3.5mm jack (Audio output)		
	AV IN		RCA pin (AV input) , RCA pin (L/R), S-VIDEO (Y/C input)		
	HDMI 3		For 32” and 42” only		
OSD language			Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovak, Slovene, Spanish, Swedish, Turkish		
Power Requirement			AC 220–240 V, 50 Hz		
Power Consumption			100W (Standby<1W) (Method IEC60107)	150 W (Standby<1W) (Method IEC60107)	220 W (Standby<1W) (Method IEC60107)
Weight			7.8 kg (Without stand), 9.6 kg (With stand)	10.7 kg (Without stand), 12.5 kg (With stand)	19.5 kg (Without stand), 22.7 kg (With stand)
Operating temperature			0°C to + 40°C		

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

[2] OPERATION MANUAL

Remote control unit

POWER
Press to turn the LCD TV on or enter standby mode.

VIDEO
Press this key you could select YPbPr, Side AV, HDMI 1, HDMI 2, HDMI 3.

SCART
Press this key you could select SCART 1, SCART 2.

PC
Press to direct to the PC mode.

TV
Press to direct to the TV mode.

0-9 DIGIT BUTTONS
To select a TV channel directly.

EPG
Press this button to display electronic program guide in TV mode.

PRE PR
To display the previous selected TV channel.

(INPUT SOURCE)
Select an input source.

ASPECT
Change the aspect ratio; please refer to Picture format section.

DUAL
Select **MONO, STEREO, DUAL 1** and **DUAL 2** for ATV channel. Select Audio language for DTV channel.

SLEEP
Press to turn the LCD TV off within an amount of time. (5-180 minutes.)

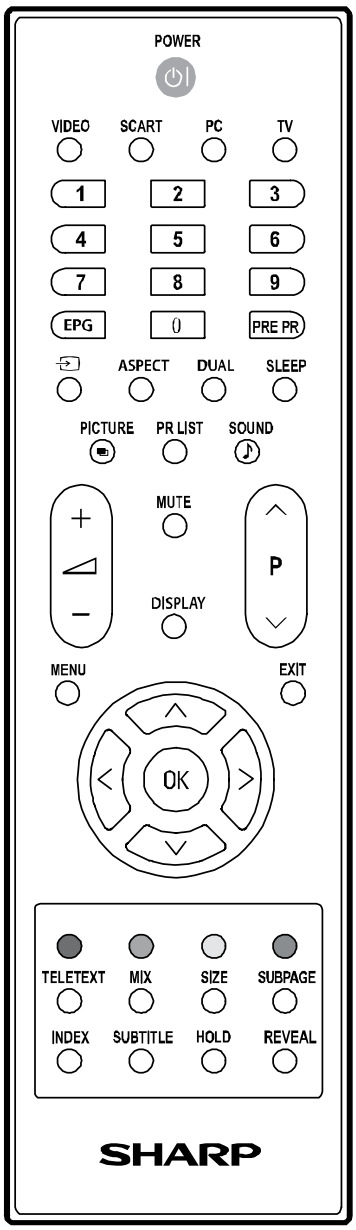
PICTURE
Press to set the LCD TV to a predefined picture setting.
User / Cinema / Sport / Vivid / Hi-Bright

PR LIST
Press to display a list of channels. Then press Red button to select the Digital or Analogue channel list.

SOUND
Press to set the LCD TV to a predefined sound setting.
Off / Rock / Pop / Live / Dance / Techno / Classic / Soft

(+/-)
Press to adjust the volume.

P(∧/∨)
Press to select the channel.



MUTE
Press to toggle audio on and off.
You can also press (+/-) VOL to restore the previous volume level.

DISPLAY
Press to display the current signal status, including input source/ channel audio mode.

MENU
Press to activate the LCD TV OSD. Press again to exit the LCD TV OSD.

EXIT
Press to exit LCD TV OSD.

OK
Press to activate a setting.

∧ ∨ < >
Press ∧ ∨ < >
to navigate and confirm your selection.

R/G/Y/B (Colour Button)
Press buttons to select the pictures with various colours of text. Different channels display different functions.•

TELETEXT
Press this button to activate Teletext. Press again to turn off Teletext.

MIX
Press this button to activate Teletext with TV.

SIZE
Press this button to change the font size: Full screen, Top half and Bottom half.

SUBPAGE
To select the subpage when the current page contains subpage(s).

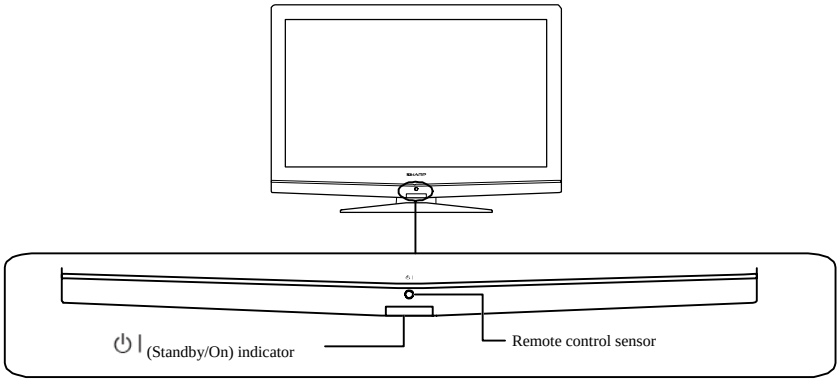
INDEX
Press this button to return to page 100 or the index page; and then press 0 to 9. The teletext page will be numbered and added to the page you select or the secondary item.

SUBTITLE
For DTV, press it to select subtitle setting.
off / on / on during mute
For ATV, please activate **Teletext** to select subtitle page.

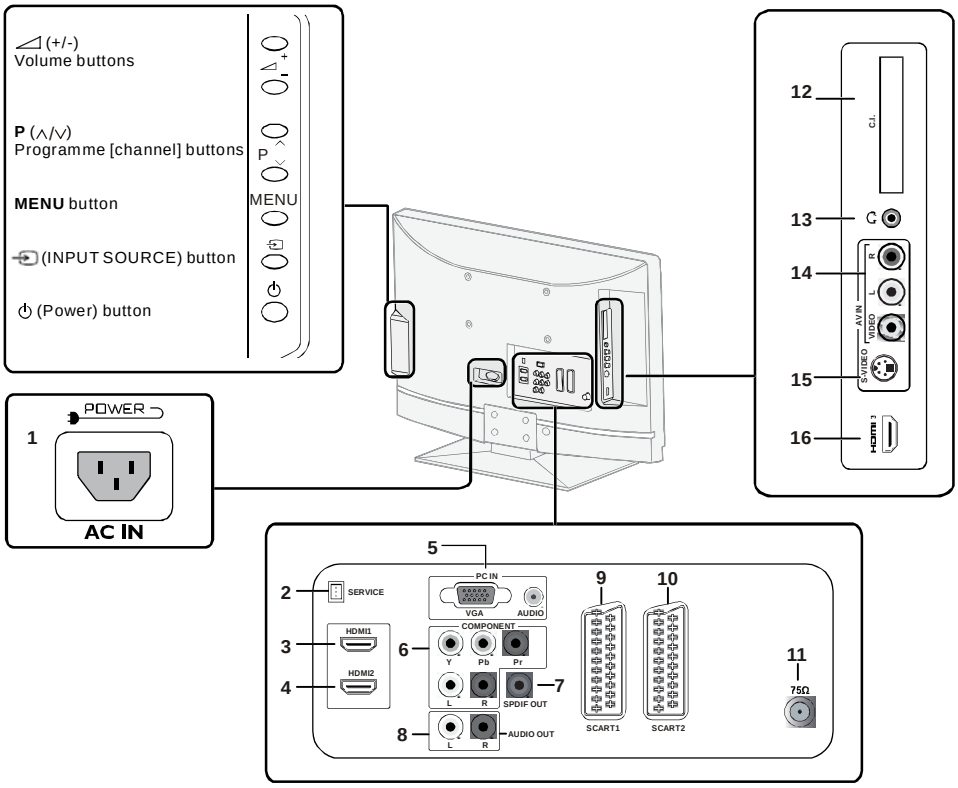
HOLD
Press this button to stop the scrolling of pages. The text decoder stops receiving data.

REVEAL
Reveal hidden information such as answers to a quiz.

TV (Front view)



TV (Rear view)



1 Power connector

2 SERVICE socket

3 HDMI 1

4 HDMI 2

5 PC IN (VGA/AUDIO)

6 Component Video and L/R Audio input

7 SPDIF Output (Digital audio out)

8 AV L/R Audio Output

9 SCART 1 (CVBS Tuner out)

10 SCART 2 (CVBS Monitor out)

11 Tuner Input

12 COMMON INTERFACE slot

13 Earphone Output

14 Composite (AV IN, AV/LR)

15 S-Video

16 HDMI 3(For 32” and 42” only)

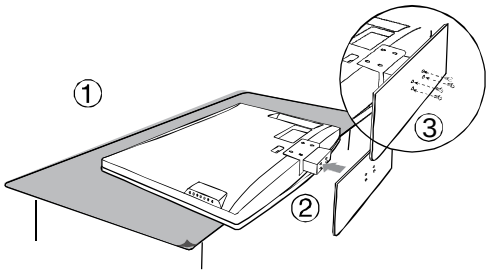
Preparation

Mount the TV Stand

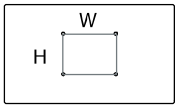
1. Put the TV face down on a safe surface that is covered by a soft and smooth cloth.

2. Adjust the TV stand to the base column.

3. Fasten 4 screws.



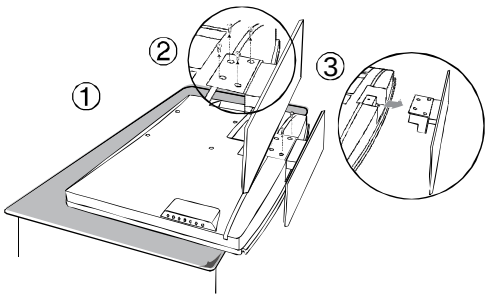
Wall mounting

	TV screen size (inches)	VESA-compatible wall bracket (millimeters) (W x H)	Screw type
	26”	200 x 100 mm	Metric 6 x 10 mm
	32”	200 x 200 mm	Metric 6 x 10 mm
	42”	400 x 200 mm	Metric 6 x 10 mm

1. Put the TV face down on a safe surface that is covered by a soft and smooth cloth.

2. Unscrew the 4 bolts that fasten the base column to the TV by using a cross-head screwdriver. (not supplide)

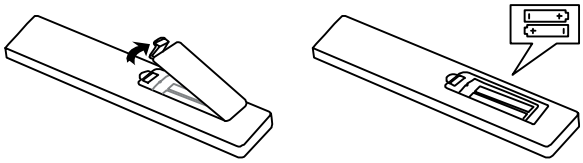
3. Detach the stand from the bottom of the TV.



Installation of batteries

1. insert two AAA batteries into Remote control. Make sure (+) and (-) are facing the proper direction.

2. Replace the cover.



NOTE

- If the remote control will not to be used for a long time, remove the batteries to avoid remote control damage.

CAUTION

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

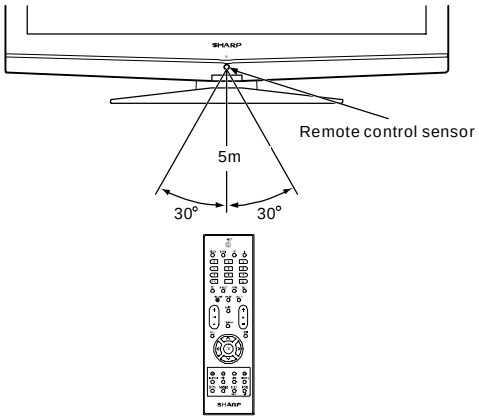
- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you will not be using the remote control unit for an extended period of time, remove the batteries from it.

Note on disposing batteries:

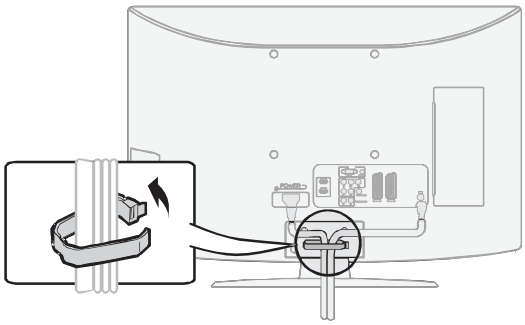
The batteries provided contain no harmful materials such as cadmium, lead or mercury.
Regulations concerning used batteries stipulate that batteries may no longer be thrown out with the household Rubbish. Deposit any used batteries free of charge into the designated collection containers set up at commercial Businesses.

Using the remote control unit

Use the remote control unit by pointing it towards the remote control sensor. Objects between the remote control unit and sensor may prevent proper operation.



Bundling the cables



Appendix

troubleshooting

problem	possible Solution
No picture	1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the LCD TV.
Abnormal colours	Connect signal cable correctly.
Twisted picture	1. Connect signal cable correctly. 2. Please use compatible signal.
Picture too dark	Adjust brightness and contrast.
Audio only, no images	1. Please check if input signal is connected correctly. 2. TV-RF signal must not be lower than 50dB.
Picture only, no audio	1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. TV-RF signal must not be lower than 50dB.
Cannot use remote control	1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.
Cannot receive sufficient channels through antenna	Please use the Channel scan function to increase the number of channels not included in memory.
No colours	Please adjust the colour setup
Blinking picture accompanied by ghost image	1. Check the connection of antenna/signal cable. 2. Check if channel is in play mode. 3. Press signal source and change input mode.
Broken lines or segments	Adjust antenna. Keep the TV away from noise sources, such as automobiles, neon lights, and hair dryers.
Certain TV channels are blocked (Hope to acquire some channels)	Please use the Update scan method to add the channels not included in memory
Overlapping images or ghost images	Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings).
Cannot use a function	If the item you choose turns gray, that item cannot be selected.
Cannot receive programs	Please use the Update scan method to add the channels not included in memory.
1. When a lamp in LCD panel is broken and the protector circuit in inverter operates and we tune on the this set, LED keep red? or Green? 2. Service man only change the lamp in LCD panel?	1. If the lamp(s) is(are) broken, panel inverter will not kick on the lamps, so TV set phenomena will be "no picture on display." But the TV system is still working, that is the RC can also control LED. When AC power on, the LED will keep last status and when use RC DC power on, the LED will keep green light. 2. The failed panel should be sent back to Panel maker (CMO) via RMA process. Panel maker (CMO) will not rework the lamps at customer's side since the repaired panel should be checked through regular inspection flow to secure the quality.

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.
- Storage temperature: +5°C to +35°C.

information on the software license for this product

Software composition

The software included in this product is comprised of various software components whose individual copyrights are held by SHARP or by third parties.

Software developed by SHarp and open source software

The copyrights for the software components and various relevant documents included with this product that were developed or written by SHARP are owned by SHARP and are protected by the Copyright Act, international treaties, and other relevant laws. This product also makes use of freely distributed software and software components whose copyrights are held by third parties. These include software components covered by a GNU General Public License (hereafter GPL), a GNU Lesser General Public License (hereafter LGPL) or other license Agreement.

obtaining source code

Some of the open source software licensors require the distributor to provide the source code with the executable software components. GPL and LGPL include similar requirements. For information on obtaining the source code for the open source software and for obtaining the GPL, LGPL, and other license agreement information, visit the following website:

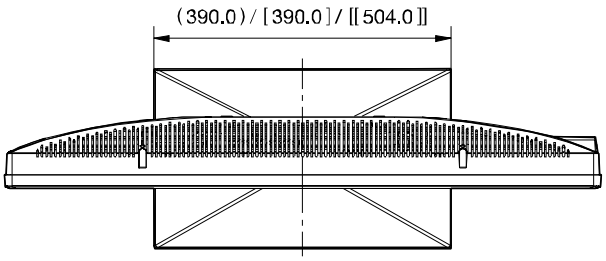
http://www.sharp-eu.com/gpl/

We are unable to answer any questions about the source code for the open source software. The source code for the software components whose copyrights are held by SHARP is not distributed.

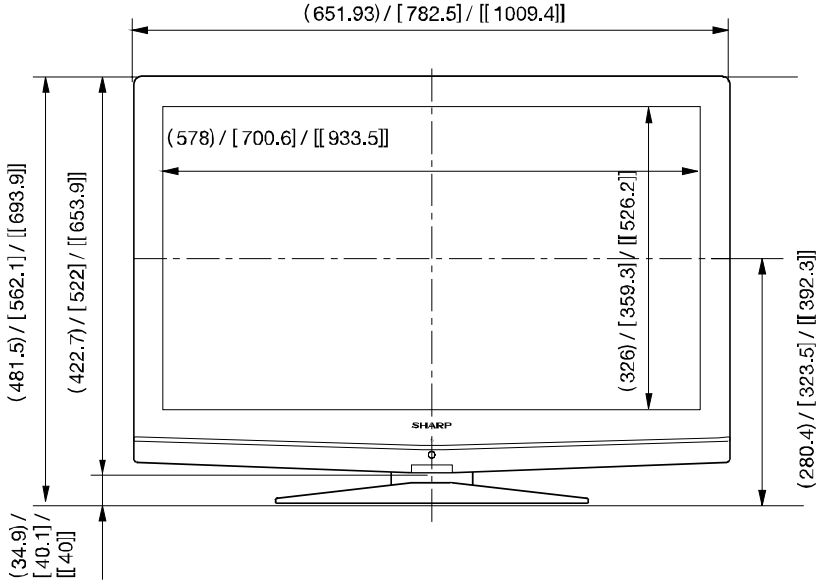
acknowledgements

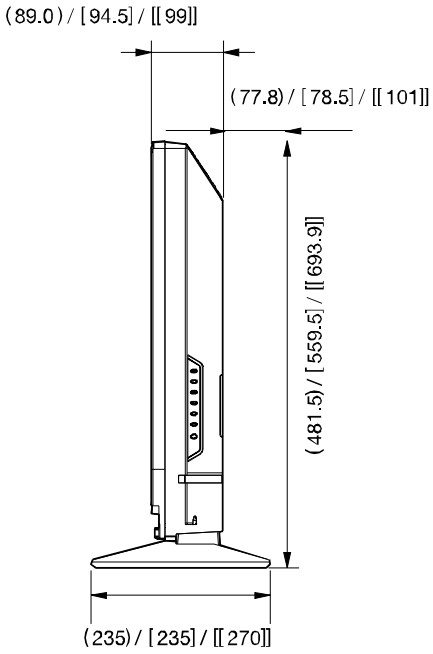
The following open source software components are included in this product:
•linuxkernel•modutils•glibc•zlib•libpng

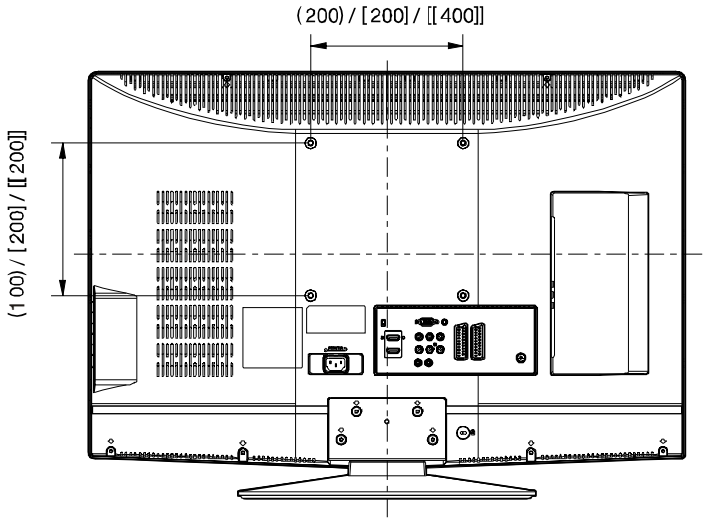
[3] DIMENSIONS



( ) : 26"
[ ] : 32"
[[ ]] : 42"







CHAPTER 2. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS(LC-42SB55)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy.

1. Remove the base as Fig.3.

Remove the 4 screws(0M1T6022500) as Fig.3 and pull out the base as Fig.4

Fig.3

Fig.4

2. Remove the 4 screws. Detach the BASE STAND as Fig.5.

Step 2. Remove the REAR COVER Assy.

1. Remove the 13 screws. Detach the REAR COVER as Fig.5.

Fig.5

Step 3. Remove the Main, Power, IR, Key board and the Speakers.

Fig.6

1. Remove the 6 screws and disconnect 6 cables. Detach the Main board as Fig.7 and Fig.8.

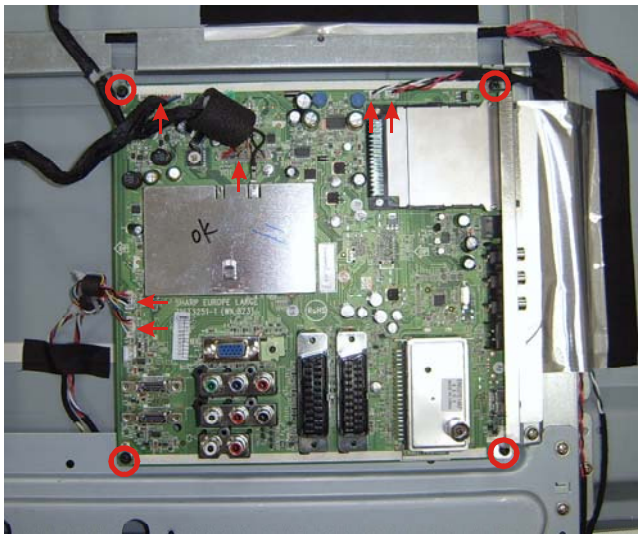


Fig.7

Fig.8

2. Remove the 5 screws and disconnect 2 cables. Detach the Power board as Fig.9.

Fig.9

3. Remove the 1 screw and disconnect 1 cable. Detach the IR board as Fig.10.

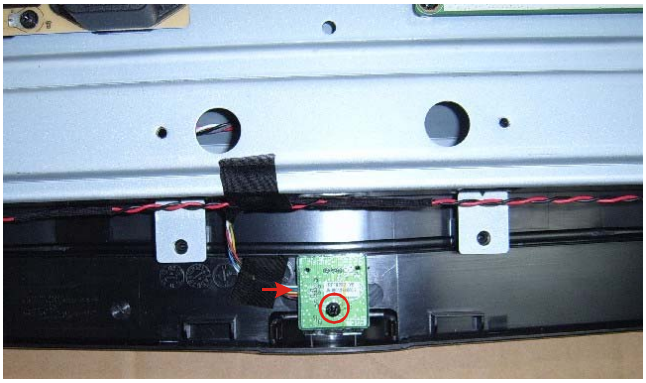


Fig.10

4. Disconnect 1 cable. Detach the Key board as Fig.11.

Fig.11

5. Remove the 4 screws and disconnect 4 cables. Detach the Speakers as Fig.12 and Fig.13.

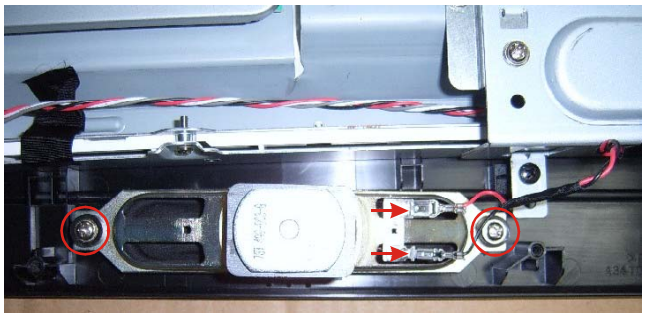


Fig.12

Fig.13

Step 4. Remove the Metal Frame.

1. Remove the 10 screws and disconnect 3 cables. Detach the Metal Frame as Fig.14.

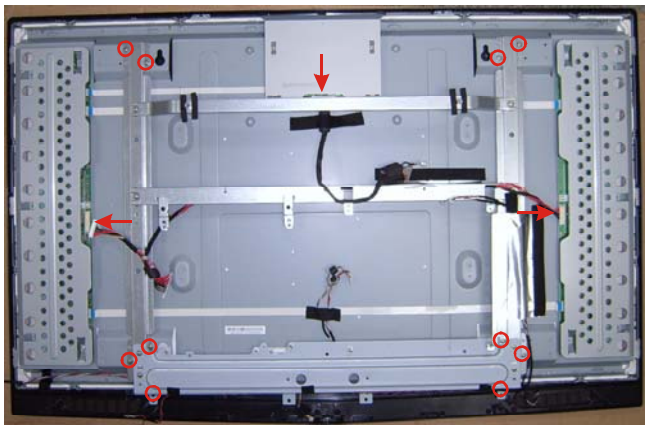


Fig.14

Step 5. Remove the Bezel Assy.

1. Remove the 8 screws. Detach the Bezel Assy as Fig.15~Fig.18.

Fig.15

Fig.16

Fig.17

Fig.18

2. The below picture is panel as Fig.19.

Fig.19

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

[2] REMOVING OF MAJOR PARTS(LC-32SB25)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy.

1. Remove the base as Fig.3.

Remove the 4 screws(0Q1T1830 12 47 CR3) as Fig.3 and pull out the base as Fig.4

Fig.3

Fig.4

2. Remove the 4 screws. Detach the BASE STAND as Fig.5.

Step 2. Remove the REAR COVER Assy.

1. Remove the 9 screws. Detach the REAR COVER as Fig.5.

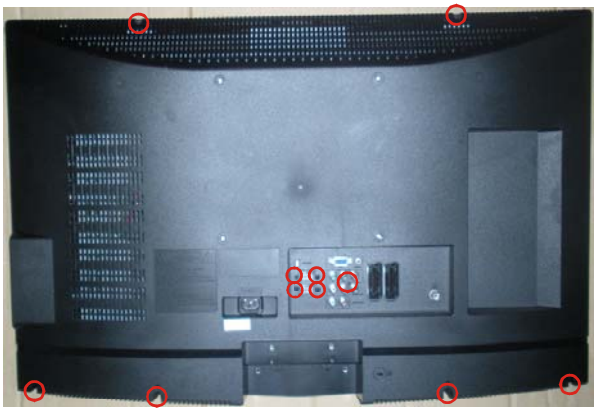


Fig.5

Step 3. Remove the Main, Power, IR, Key board and the Speakers.

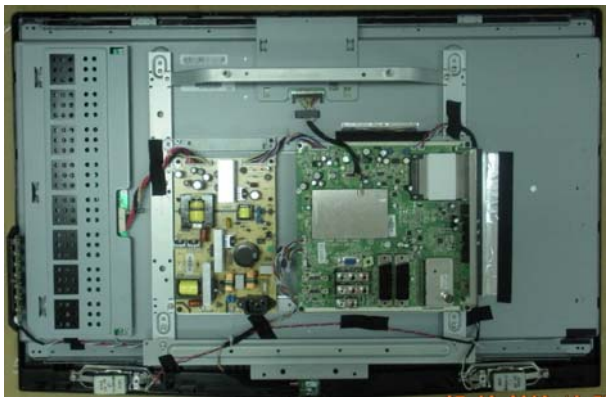


Fig.6

1. Remove the 6 screws and disconnect 6 cables. Detach the Main board as Fig.7 and Fig.8.

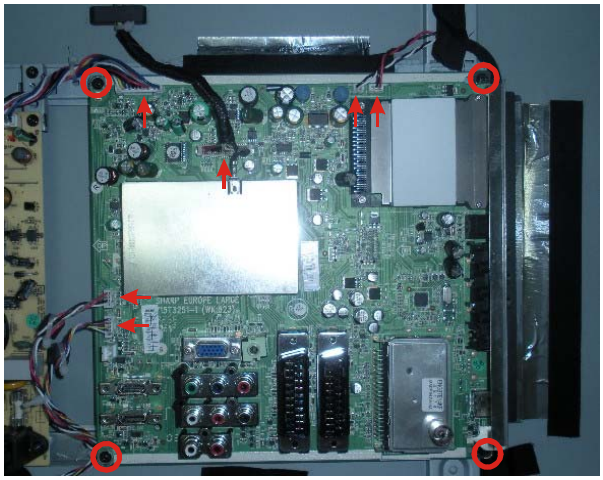


Fig.7

Fig.8

2. Remove the 5 screws and disconnect 2 cables. Detach the Power board as Fig.9.

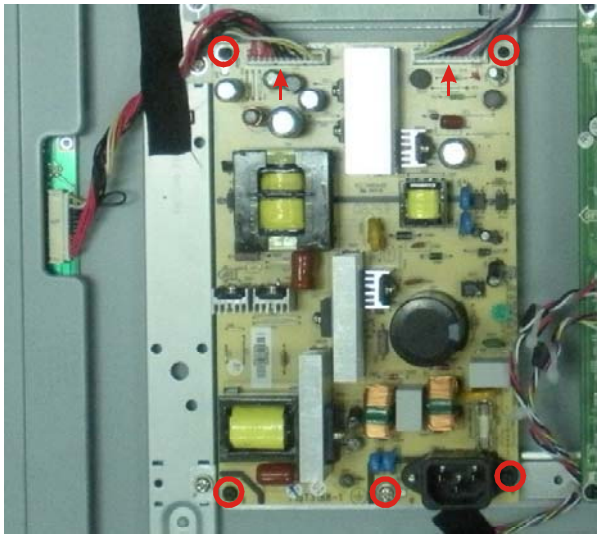


Fig.9

3. Remove the 1 screw and disconnect 1 cable. Detach the IR board as Fig.10.

Fig.10

4. Disconnect 1 cable. Detach the Key board as Fig.11.

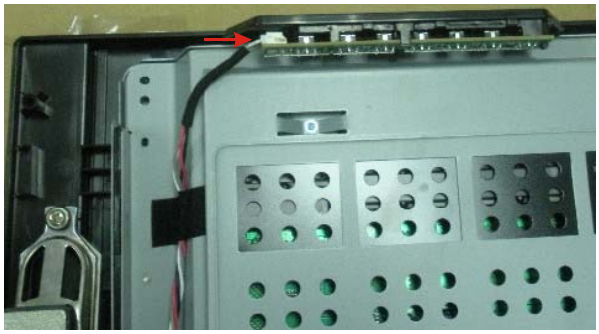


Fig.11

5. Remove the 4 screws and disconnect 4 cables. Detach the Speakers as Fig.12 and Fig.13.

Fig.12

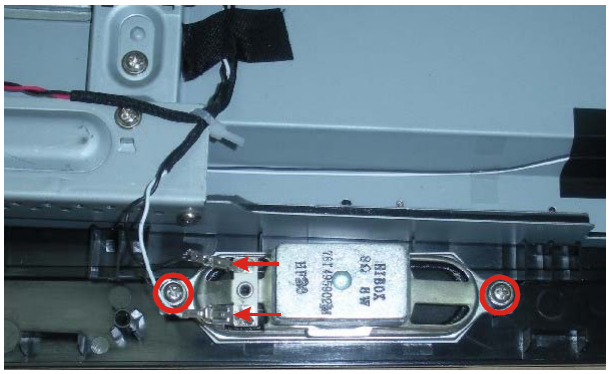


Fig.13

Step 4. Remove the Metal Frame.

1. Remove the 6 screws and disconnect 2 cables. Detach the Metal Frame as Fig.14.

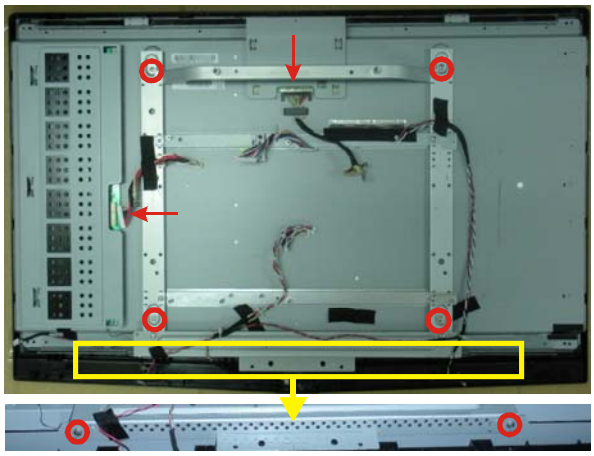


Fig.14

Step 5. Remove the Bezel Assy.

1. Remove the 6 screws. Detach the Bezel Assy as Fig.15~Fig.17.

Fig.15

Fig.16

Fig.17

2. The below picture is panel as Fig.18.

Fig.18

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

[3] REMOVING OF MAJOR PARTS(LC-26SB25)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy.

1. Remove the base as Fig.3.

Remove the 4 screws(0Q1T1830 12 47 CR3) as Fig.3 and pull out the base as Fig.4

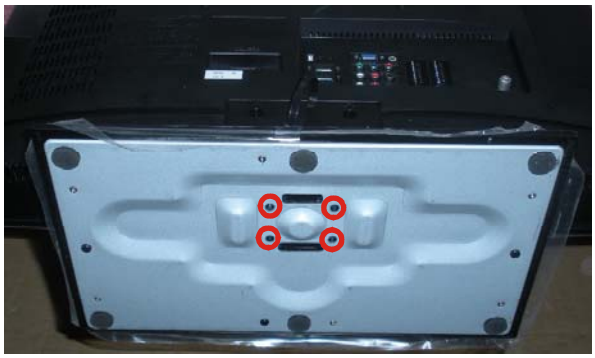


Fig.3

Fig.4

2. Remove the 4 screws. Detach the BASE STAND as Fig.5.

Step 2. Remove the REAR COVER Assy.

1. Remove the 11 screws. Detach the REAR COVER as Fig.5.

Fig.5

Step 3. Remove the Main, Power, IR, Key board and the Speakers.

Fig.6

1. Remove the 6 screws and disconnect 5 cables. Detach the Main board as Fig.7 and Fig.8.

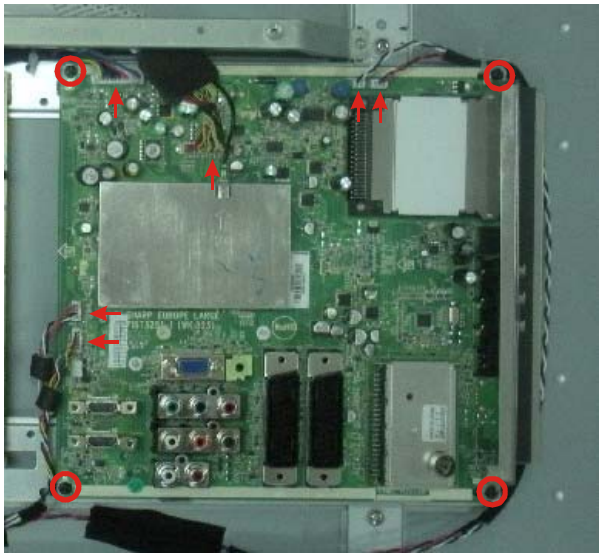


Fig.7

Fig.8

2. Remove the 5 screws and disconnect 2 cables. Detach the Power board as Fig.9.

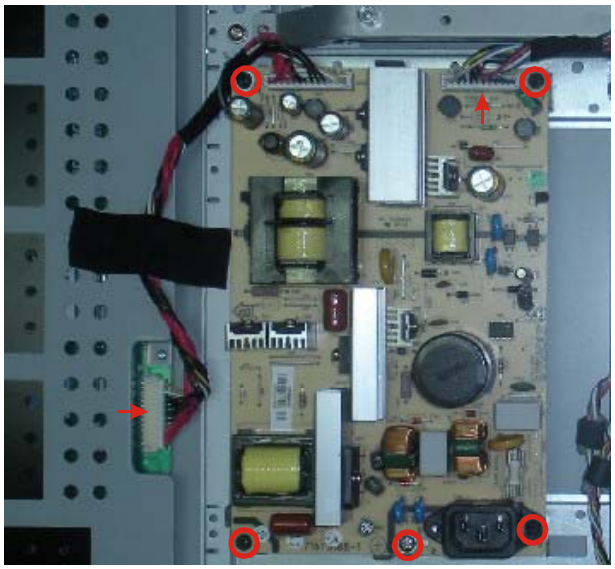


Fig.9

3. Disconnect 1 cable. Detach the Key board as Fig.10.

Fig.10

4. Remove the 4 screws and disconnect 4 cables. Detach the Speakers as Fig.11 and Fig.12.

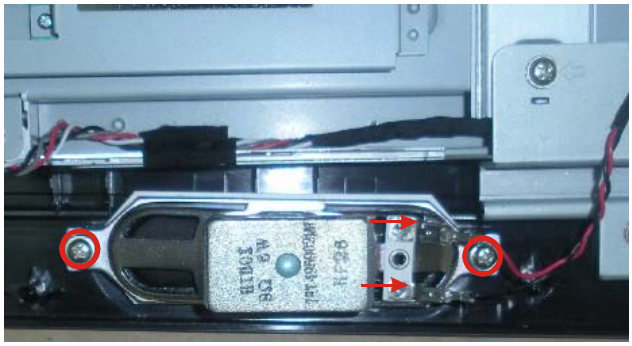


Fig.11

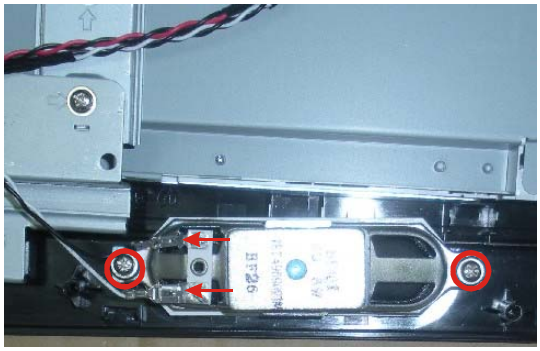


Fig.12

Step 4. Remove the Metal Frame and IR board.

1. Remove the 6 screws and disconnect 2 cables. Detach the Metal Frame as Fig.13.

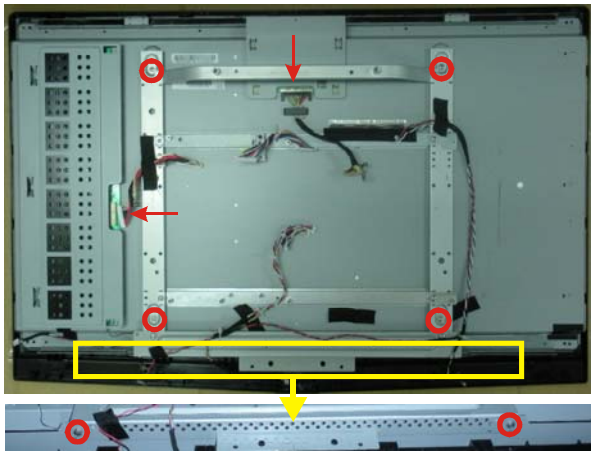


Fig.13

2. Remove the 1 screw and disconnect 1 cable. Detach the IR board as Fig.14.

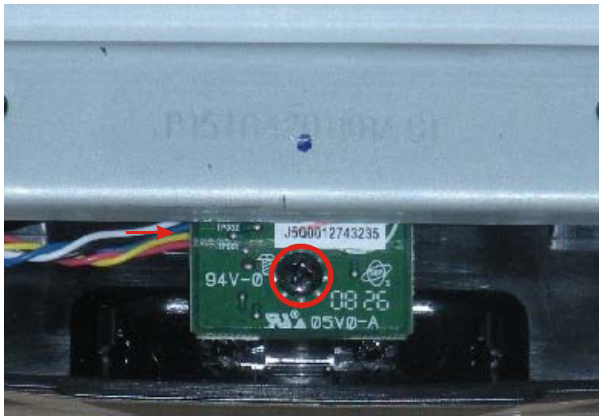


Fig.14

Step 5. Remove the Bezel Assy.

1. Remove the 4 screws. Detach the Bezel Assy as Fig.15~Fig.17.

Fig.15

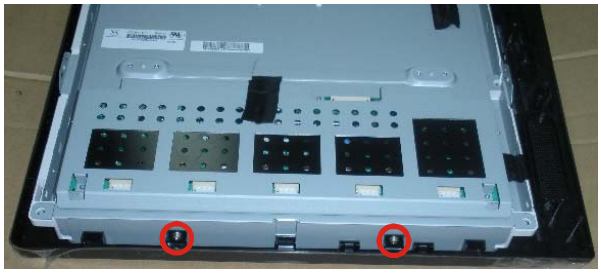


Fig.16

Fig.17

2. The below picture is panel as Fig.18.

Fig.18

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

CHAPTER 3. ADJUSTMENT PROCEDURE

PROCEDURE

[1] ADJUSTMENT PROCEDURE

1. OSD Menu

OSD tree - As following

- TV

Digital Europe OSD tree-TV						Remark
OSD Layer 1	2	3	4	5	6	
Picture	Smart Picture	User				
		Cinema				
		Sport				
		Vivid				
		Hi-bright				
	Contrast	slider				
	Brightness	slider				
	Color	slider				
	Sharpness	slider				
	Tint	slider				
	Color temperature	Normal				
		Warm				
		Cool				
	Picture format	Automatic				
		Super zoom				
		4:3				
		Movie expand 14:9				
		Movie expand 16:9				
		Wide screen				
		Subtitle zoom				
	Noise Reduction	Off				
		On				
Sound	Settings	Bass	slider			
		Treble	slider			
		Balance	slider			
	Sound mode	Off				
		Rock				
		Pop				
		Live				
		Dance				
		Techno				
		Classic				
		Soft				
	Virtual surround	Off				
		On				
	Volume-visually impaired	slider				
	Audio language	Broadcsted list of audio languages				
	Dual I-II	Dual I				
		Dual II				
	Mono/Stereo	Mono				
		Stereo				
	Auto volume leveling	Off				
		On				

Features	Timer	Clock	Time zone	GMT +x:xx GMT -x:xx As broadcaster		
			Time	Auto synchronization	On Off	
				Date	20xx/xx/xx	
				Time	xx:xx:xx	
		Start time	Timer	Off On		
		Stop time	Timer	Off On		
		Sleeptimer	slider			
	Auto lock	Lock program	(Channel number…)			
		Change code	Please enter your current PIN.			
		Clear all	Start now			
		Parental rating	None Age 4~18 X-rated(Spain)			
	Subtitle	Off On On during mute				
	Subtitle language	Broadcsted list of audio languages				
	Common interface					(When CAM inserted)
Installation	Language	Menu language	Български Česky Dansk Deutsch Ελληνικά English Español Français Hrvatski Italiano magyar Nederlands Norsk Polski Português Română Русский Slovenský Slovenščina Srpski Suomi Svenska Türkçe			
		Preferred audio language	Basque Bulgarian Catalan Croatian Czech Danish Dutch English Finnish			

			French				
			Gaelic				
			Galician				
			German				
			Greek				
			Hungarian				
			Italian				
			Norwegian				
			Polish				
			Portuguese				
			Romanian				
			Russian				
			Serbian				
			Slovak				
			Slovenian				
			Spanish				
			Swedish				
			Turkish				
			Welsh				
		Preferred subtitle language	Basque				
			Bulgarian				
			Catalan				
			Croatian				
			Czech				
			Danish				
			Dutch				
			English				
			Finnish				
			French				
			Gaelic				
			Galician				
			German				
			Greek				
			Hungarian				
			Italian				
			Norwegian				
			Polish				
			Portuguese				
			Romanian				
			Russian				
			Serbian				
			Slovak				
			Slovenian				
			Spanish				
			Swedish				
			Turkish				
			Welsh				
		Hearing impaired	Off				
			On				
		Audio description	Off				
			On				
	Country	Austria					
		Belgium					
		Bulgaria					
		Croatia					
		Czech Republic					
		Denmark					
		Finland					
		France					
		Germany					
		Greece					
		Hungary					

		Iceland Ireland Italy Luxembourg Netherlands Norway Poland Portugal Romania Russia Serbia Slovakia Slovenia Spain Sweden Switzerland Turkey UK Ukraine Others				
	Channel installation	Automatic installation	Start now	Status: scanning… Digital channels found: Analoguel channels found:		
		Installation update	Start now	Status: scanning…		
		Digital: Test reception	000.00 MHz	Start	Network name: Signal quality:Good/Poor Signal strength:	
		Analog: Manual installation	System	West EU East EU UK France		
			Search	000 MHz		
			Fine tune	000.00 MHz		
			Store current channel	Store		
			Store as new channel	Store		
		Rearrange	(Channel numbers…) Rename,reshuffle			
	Source labels	YPbPr Side AV SCART 1 SCART 2 PC HDMI 1 HDMI 2 HDMI 3	No label DVD Blu-ray HDD/DVDR HD rec. Game VCR PC Digital STB HD dig STB Other			
	Decoder	(Channel numbers…)				
	Current software info					
	Factory reset	Start now				

- PC

Digital Europe OSD tree-PC					Remark
OSD Layer 1	2	3	4	5	

Picture	Contrast	slider			
	Brightness	slider			
	Colour Temperature	Normal Warm Cool			
	Picture format	4:3 Wide screen			
Sound	Incredible surround	Off On			
Picture adjustment	Auto adjust	Start			
	Manual adjust	Phase	slider		
		Clock	slider		
		Horizontal	slider		
		Vertical	slider		
Factory reset	Start now				

2. Picture check

1) WHITE-D adjustment

General set-up :

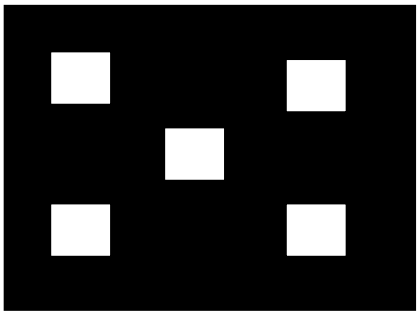
Equipment Requirements: Minolta CA-110 or Equivalent Color analyzer Chroma 2250 or equivalent PC signal generator input requirements:

Input Signal Type : PC VGA signal

1024X768/60Hz PC mode with **"5 white block"** pattern. (see pattern-1)

Input Signal Strength : 0.7 Vp-p linear voltage.

Input Injection Point : PC D-SUB input



Pattern-1

Alignment method:

Initial Set-up:

1>. Select source as "PC".

2>. Set Contrast = 50 (CMO) and Brightness=50 (CMO) , at normal menu mode.

3>. Apply **"5 white block"(pattern-1)** pattern by VGA pattern generator.

4>. Enter factory mode menu: press MENU + Numeric keys "062596" + MENU key (FAC mode menu). Then select "Factory" item.

Alignment:

1>. At FAC mode menu, select AUTO_COLOR item. Then press "OK" key to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

2>. Apply Flat80 pattern (80% white pattern).

3>. Set color temperature to "NORMAL".

4>. At FAC mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet "NORMAL" color coordinates specification below. Then store those values to NVM

5>. Set color temperature to "COOL".

6>. At FAC mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet "COOL" color coordinates specification below. Then store

those values to NVM

7>. Set color temperature to “WARM”.

8>. At FAC mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet “WARM” color coordinates specification below. Then store those values to NVM

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

Picture Mode	x	y
Normal (9000^{o}K)	0.289±0.005	0.291±0.005
Cool (11500^{o}K)	0.278±0.005	0.278±0.005
Warm (6500^{o}K)	0.314±0.005	0.319±0.005

Table 5: Reading with Minolta CA-110.

Note:

1>. Use Minolta CA-110 for color coordinates and luminance check.

2>. **Luminance >** 400 **cd/m^2** in the center of the screen when Brightness control at 100; Contrast control at 100 for CMO 26”, 32”, 42” panels.

2) YPbPr Mode display adjustment

White balance adjustment

General set-up :

Equipment Requirements: Minolta CA-110 or Equivalent Color analyzer.

Quantum Data Pattern Generator 802G , 802BT or equivalent instrument

Input requirements:

Input Signal Type : YPbPr signal

1>. 720P mode, TVBar100 pattern by 802G or 802BT.

2>. Select Picture mode to User mode and check the x, y data.

Input Signal Strength : 1 Vpp for Y signal ; 700 mVpp for Pb & Pr signal

Input Injection Point : YPbPr (RAC jack)

720P, TVBar100 pattern

Alignment method:

Initial Set-up:

1>. Select source as “YPbPr”.

2>. Set Picture mode as “User” and to be Contrast =50 (CMO), Brightness=50 (CMO) , at normal menu mode.

3>. Apply “TVBar100” pattern with color bar pattern by signal generator.

4>. Enter factory mode menu: press MENU + Numeric keys “062596” + MENU key (FAC mode menu).Then select “Factory” item.

Alignment:

1>. At FAC mode menu, select AUTO_COLOR item. Then press “OK” key to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

2>. Check the 16 grayscale pattern should be distinguished and color bar is correct

3>. Reset AV setting, picture mode shall be recalled to be “Vivid” and Contrast=48, Brightness=58

3) HDMI HDCP Key Download

1>. HDCP Key Encryption

The handling of HDCP keys must be done in the most secure way. The HDCP keys purchased / delivered from Digital Content Protection, LLC are first encrypted by MTK encryption software. Then the encrypted keys are stored in secure room or secure PC in production line.

2>. HDCP Key Downloading to Set

In production line PC, execute HDCP key programming software to load encrypted key data from secure room or secure PC to specific positions of set’s

NVM via UART interface of MT533x chip.

3>. Test HDCP Key

Use QuantumData 802BT or equivalent instrument with HDCP test pattern to verify HDCP key loaded in the set. The “PASS” information will be shown in the lower center block of the screen when HDCP key is correctly loaded.

Use DVD player Pioneer DVD player or equivalent DVD player with HDMI output to verify HDCP key loaded in the set. The video should be smoothly displayed when HDCP key is correctly loaded.

4) Preset NVM data

NVM (U301) data has to be preset data according following table.

• NVM file name description:

1>. SHARP (customer name)

2>. xxSByy (Model name, xx : screen size; yy : 25 for 26” and 32”, 55 for 42”)

3>. EUR (area)

4>. 24C16 (EEPROM type)

5>. CMOxx (Panel type and size)

6>. Vx.xx_xxxxxxxx (NVM version no. and finalize testing Date yyyymmdd)

7>. xxxx(checksum / 2bytes) for CMOxx inch panel

1>. Factory mode preset.

· Default Values

VIRGIN_MODE	On
GAMMA_TABLE	On *for 26”, 32”, 42”*
COLOR_ENHANCE	On

Note: VIRGIN_MODE is ON for outging and is Off at production line.

	YPbPr	PC
ADC_GAIN_R	64	64
ADC_GAIN_G	64	64
ADC_GAIN_B	64	64
ADC_OFFSET_R	128	128
ADC_OFFSET_G	128	128
ADC_OFFSET_B	128	128

Note: These above values will be changed after doing “AUTO_COLOR” at FAC mode menu.

	PC		
	NORMAL	COOL	WARM
CLR_TEMP_R	128	128	128
CLR_TEMP_G	128	128	128
CLR_TEMP_B	128	128	128

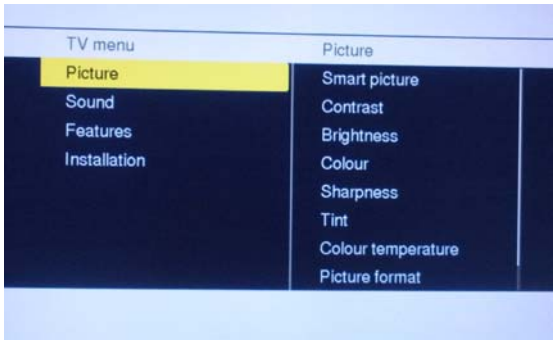
Note: These above values will be changed after doing W/D alignment at FAC mode menu

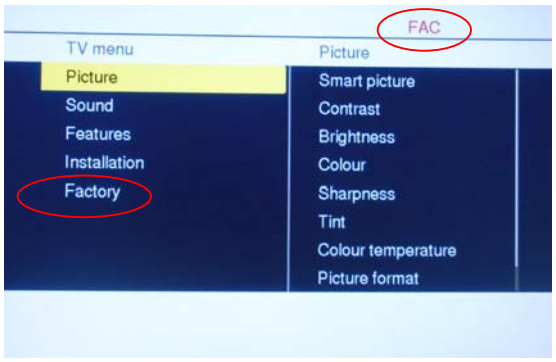
TUNER_ID	1 (Panasonic ENG37E13KF)		2 (NXP-FQD1116ME_BM)	
PANEL_ID	93: for 26” (CMO_V260B1-L11)	28: for 32” (CMO_V315B1-L01)	86 : for42” (CMO_V420H1-L7)	

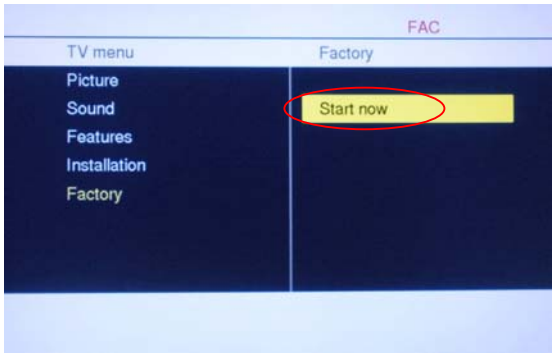
These above values are defined by Development Division and written in release NVM.

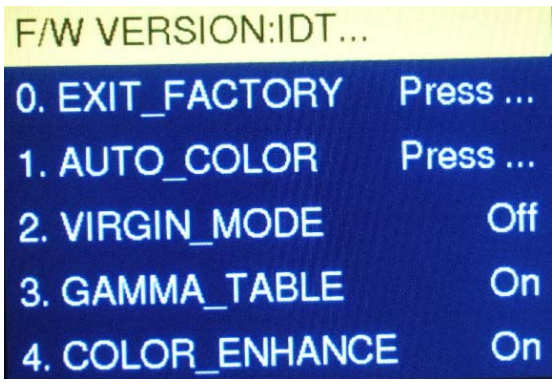
[2] SERVICE MODE

Enter factory mode menu: press MENU + Numeric keys “062596” + MENU key (FAC mode menu).Then select “Factory” item.









[3] SOFTWARE UPGRADE PROCEDURE

Environment Setup

Before you start to write the code, we suggest you setup the environment first. This chapter lists the setup requirements and guides you to setup and test your development environment.

Connect to ISP Board.

Use USB port connecting PC & MT538x Board via ISP board(Code number: 715G537XL2(9JR9900000099)).

Example: PC Connected to 19"PFL 3403D (From USB to RS232)

1. Unzip USB2COM Driver.zip to C:\

PL-2303 Driver Installer.zip

mtktool_20070822__5381.zip

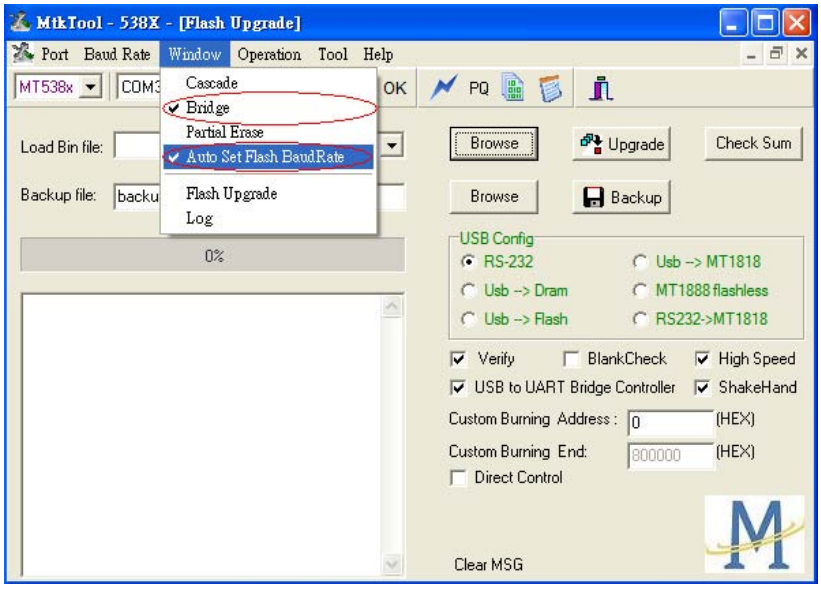
PL-2303 Driver Installer.exe

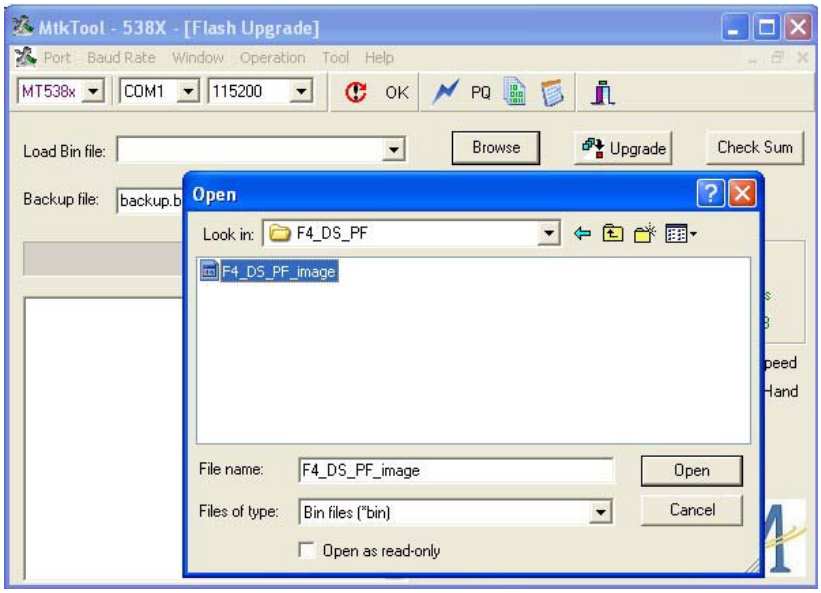
2. Unzip USB2COM Driver.zip to C:\

Use MTK_Tools to download .bin file. (Ex: F4_dbg_image.bin or F4_image.bin)

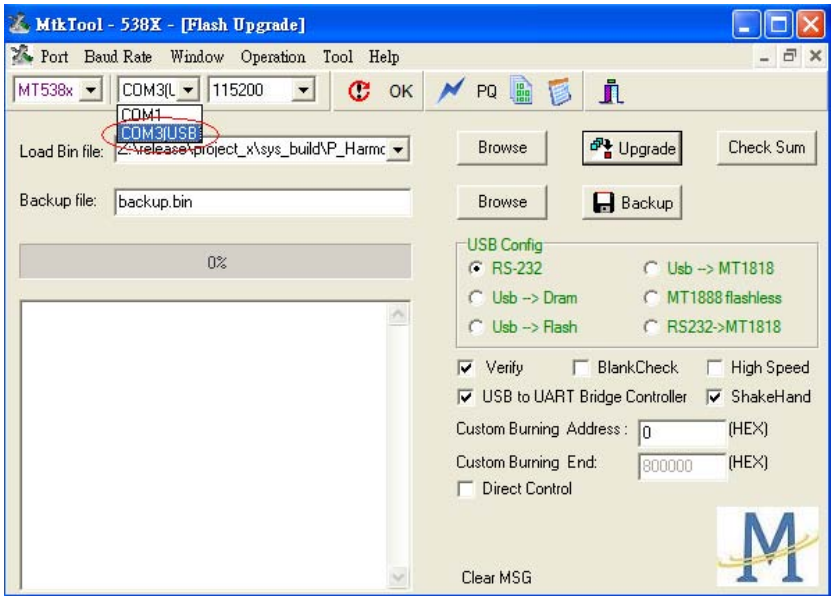
3. Make sure the Type "MTK538X" && "USB Baud Rate 115200" && Load the correct "bin" file.

Load .bin file on the Linux system or on the local Windows file system(Ex: F4_DS_PF_image.bin) & Set Bridge & Auto Set Flash BaudRate

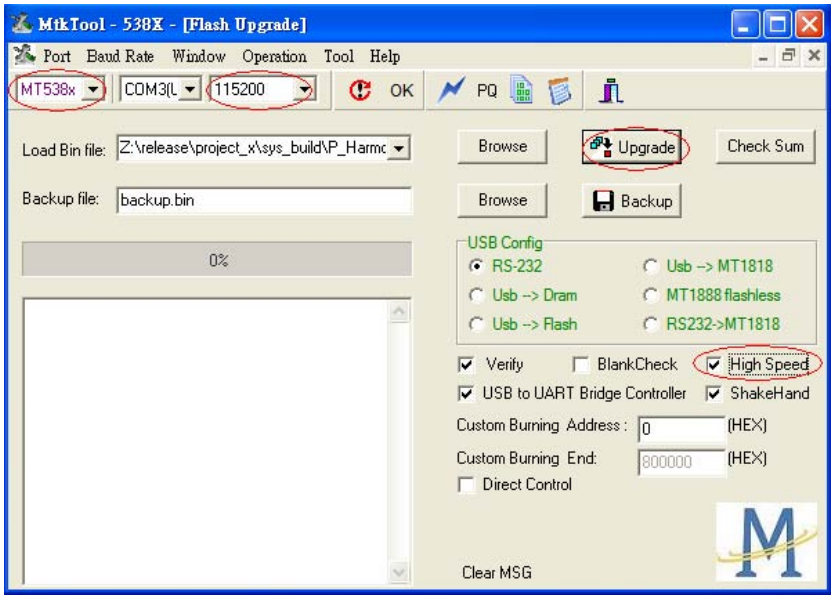




4. Set COM port resource that used by USB Port.

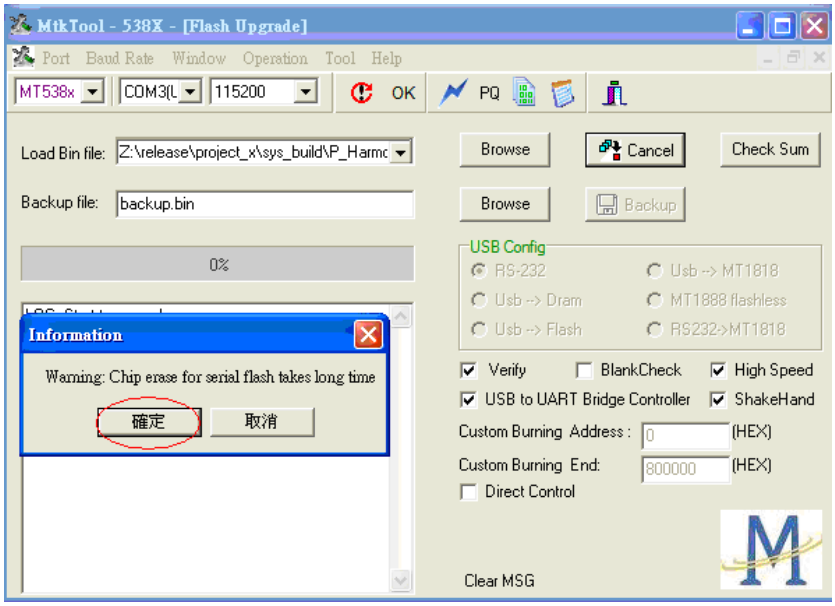


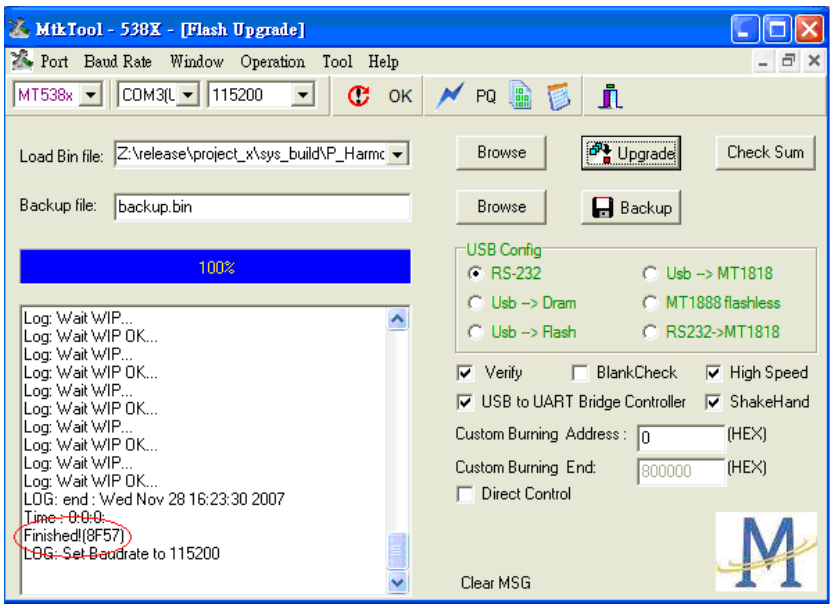
5. Set Baud rate 115200 & High speed item Enable. & MT538x.



6. Push “Upgrade” button. (Waiting for “Finished!” message.)

Press “確定” button





7. Mainboard Power Off → On.

CHAPTER 4. TROUBLESHOOTING TABLE

[1] TROUBLESHOOTING TABLE

Power unit operation check(for LC-42SB55).

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901 normal?

NO → LINE_FILTER_UNIT:
Isn't L901,L902,RV902,C908,C909,C901,C902, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

NO → POWER_UNIT:
BD901, RV904, IC902, TH901, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output? (Set the main power SW to OFF.)

* When power on/off switch is on ・・・ About +400V

NO → Does the PFC circuit operate normally?
(L903, L964, Q925, ZD914, D930, Q902, IC902 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (11,12) of connector (CN902)?
(Set the main power SW to OFF.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T904, IC903, Q922, Q924, ZD911, D924, D908, ZD910, etc.), the secondary side (D927, L907, etc.), the AC_DET circuit (ZD912, ZD913, IC911, IC913, Q918, IC909, Q915, etc.), and the protection circuit.

↓YES

Are +24V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the primary side (T905,Q920,Q919,IC901, Q917,Q923,D936,D937,D932,ZD915,ZD916, etc.), the secondary side (D901, D902, L906, L908, IC910, IC914, etc.), the STANDBY circuit (Q915, etc.), and the protection circuit.

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D928, L909, etc.

Power unit operation check(for LC-32SB25 and LC-26SB25).

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F901 normal?

NO → LINE_FILTER_UNIT:
Isn't L901,L902,RV901,C903,C904,C901,C902, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT:
BD901, RV902, IC951, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is BD901 (+320V) output? (Set the main power SW to OFF.)

* When power on/off switch is on ・・・ About +400V

NO → Does the PFC circuit operate normally?
(L906, Q901, D902, D903, IC901 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (11,12) of connector (CN902)?
(Set the main power SW to OFF.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T901, IC931, Q931, ZD981, ZD930, D980, D981, ZD981, etc.), the secondary side (D935, L980, etc.), the AC_DET circuit (ZD982, IC932, IC982, Q992, Q993, etc.), and the protection circuit.

↓YES

Are +24V output as for the power on/off switch when it is on?

NO → Does the inverter circuit operate normally?
Check circuit around the primary side (T902,Q951,Q952,IC951, D951,D952, etc.), the secondary side (D955, L971, ZD967, IC952, IC953, etc.), the STANDBY circuit (Q988, etc.), and the protection circuit.

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D956, L931, etc.

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of pin (F26) (AL1) and pin (G25) (AR1) of IC U400 normal? — NO → Check IC U400 and its peripheral circuits.

↓YES

Is audio signal input to pin (2)(L), pin (14)(R) of IC U600 (AMP)? — NO → Check the line between IC U400 and IC U600.

↓YES

Is MUTE circuit [AMP_MUTE_LINE, POWERUP_LINE] normal? — NO → Check the AMP_MUTE_LINE and POWERUP_LINE. (Q600, etc.)

↓YES

Is the audio signal output of pin (2, 1) (L-ch) and pin (1, 2) (R-ch) of CN600 & CN601(AOUDIO-CONNECTOR) normal? — NO → Check IC U600 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV(ANALOG) broadcasting)

↓

Does not the sound go out though the picture has come out when UHF/VHF is received?

TEREMINAL UNIT: ↓

Is the SIF signal output from pin (11) of TUNER (TU200)? — NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the SIF signal sent to pin (P25) and pin (P26) of IC U400? — NO → Check IC U400 its peripheral circuits.

↓YES

Refer to “No sound output in all modes”.

No sound (during the reception of TV (DIGITAL) broadcasting)

↓

Does not the sound go out though the picture has come out when DTV is received?

MAIN UNIT: ↓

Is the DIF signal output from pin (17) and pin (19) of TUNER (TU200)? — NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the DIF signal sent to pin (44) and pin (43) of IC U231? — NO → Check IC U231 its peripheral circuits.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART1 go out?

Does not the sound of the audio signal input to SCART2 go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT1_AUL_IN) and pin (2) (SCT1_AUR_IN) of SCART1(CN500)?	NO →	Check the setting of an external input device that connects of CN500.
Is the audio signal properly sent to pin (6) (SCT2_AUL_IN) and pin (2) (SCT2_AUR_IN) of SCART2(CN501)?	NO →	Check the setting of an external input device that connects of CN501.

↓YES

Is the audio signal properly sent to pin (J25) (SC1_LIN) and pin (J26) (SC1_RIN) of IC U400?	NO →	Check the line between CN500 and IC U400.
Is the audio signal properly sent to pin (J23) (SC2_LIN) and pin (J24) (SC2_RIN) of IC U400?	NO →	Check the line between CN501 and IC U400.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to AV1(Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (AV1_AudioLIN) and pin (4)(AV1_AudioRIN) of CN553?	NO →	Check the connection to CN553 and the external input device.

↓YES

Is the audio signal properly sent to pin (K23) (AV1_LIN) and pin (K24) (AV1_RIN) of IC U400?	NO →	Check the line between CN553 and IC U400.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV3(Composite/Y/C) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4) (AV3_AudioLIN) and pin (6) (AV3_AudioRIN) of CN650?	NO →	Check the connection to CN650 and the external input device.

↓YES

Is the audio signal properly sent to pin (L23) (SIDE_LIN) and pin (L24) (SIDE_RIN) of IC U400?	NO →	Check the line between CN650 and IC U400.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (VGA_AudioLIN) and pin (3) (VGA_AudioRIN) of CN555?

NO → Check the connection to CN555 and the external input device.

↓YES

Is the audio signal properly sent to pin (K25) (VGA_LIN) and pin (K26) (VGA_RIN) of IC U400?

NO → Check the line between CN555 and IC U400.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI1/2/3 go out?

↓

Is picture of the signal input from HDMI1/2/3 displayed?

NO → Refer to “Does not the picture of the HDMI signal input to HDMI1/2/3 go out?”.

↓YES

Refer to “No sound output in all modes”.

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT: ↓

Is audio signal output from IC U602 sent to pin (3)(SCT1_AUL-OUT) and pin(1)(SCT1_AUR-OUT) of SCART1(CN500)? —YES→ Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U400 sent to pin (2)(LRCLK) and pin (3)(DIN) and pin (4)(BCLK) and pin(13)(MCLK) of IC U602? —YES→ Check the line between IC U400 and IC U602.

↓NO

Check IC U400 and its peripheral circuits.

The audio signal is not output (2)

↓

The audio signal of UHF/VHF/MONITOR is not output from SCART2.

TEREMINAL UNIT: ↓

Is audio signal output from IC U603 sent to pin(3)(SCT2_AUL_OUT) and pin(1)(SCT2_AUR_OUT) of —YES→ Check the connection to SCART2 and external devices.

↓NO

Is the audio signal output from IC U400 of pin (E26) (AL2) and pin (F25) (AR2) sent to pin (2)(1IN-) and pin (6)(2IN-) of IC U603? —YES→ Check the line between IC U400 and IC U603.

↓NO

Check IC U400 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U603 sent to pin (2)(L_OUT) and pin (4)(R_OUT) of LINE_AUDIO_OUT connector(CN556)? —YES→ Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is the audio signal output from IC U400 of pin (E26) (AL2) and pin (F25) (AR2) sent to pin (2)(1IN-) and pin (6)(2IN-) of IC U603? —YES→ Check the line between IC U400 and IC U603.

↓NO

Check IC U400 and its peripheral circuits.

The audio signal is not output (4)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is ASPDIF audio signal output from pin (B22) of IC U400 to pin (6) of connector CN553?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U400 and its peripheral circuits.

The audio signal is not output (5)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HPDET signal input into pin (C20) of IC U400 from pin (7) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U601 to pin (2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U601 and CN602.

↓YES

Is the audio signal output from IC U400 of pin (F26) (AL1) and pin (G25) (AR1) sent to pin (2)(VIN1) and pin (6)(VIN2) of IC U601?

NO → Check the line between IC U400 and IC U601.

↓YES

Check IC U400 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT: ↓

Is LVDS signal output from 1st_channel and 2nd_channel of IC U400 in each mode?
(A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CLK1N/CLK1P),(A4N/A4P),(A5N/A5P),(A6N/A6P),(A7N/A7P),(CLK2N/CLK2P)

↓NO

Check IC U400 and its peripheral control circuits.

YES

Is the above-mentioned LVDS signals output to connector CN750? — NO → Check the line between IC U400 and CN750.

↓YES

Is LCD controller's control signal normal? — NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module? — NO → Wire harness is checked.

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when VHF/UHF is received?

TERMINAL UNIT: ↓

Is TUNER_CVBS signal output from pin (21) of TUNER (TU200)? — NO → Check whether I2C is normally accessed between TU200 and IC U231 and IC U400.

MAIN_UNIT: ↓YES

Is picture signal input from pin (21) of TUNER (TU200) to pin (AC26) of IC U400? — NO → Check the line between IC U400 and TU200.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when DTV is received?

TERMINAL UNIT: ↓

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U231 supplied?

NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (17), (19) of TUNER (TU200) to pin (43), pin (44) of IC U231 (COFDM)?

NO → Check the tuner, IC U231 and their peripheral circuits. Replace as required.

TERMINAL UNIT: ↓YES

Similarly, is communication control carried out between pin (6)(SCL), pin(9)(SDA), pin(12)(AGC) of TU200, and pin(38), pin (37), pin(35) of IC U231?

NO →

↓YES

Does Y230 (27MHz) oscillate?

NO → Check Y230 and its peripheral circuits.

↓YES

Is MPEG data (TS0INDATA[0..7], TS0INSYNC, TS0INCLK, TS0INVALID) from IC U231 are output to pin (6/7/8/9/11/12/13/14/16/17/18) of a IC U401?

NO → Is the control signal between IC U231 and IC U400 normal? (CHN_DEC_RESET, MAIN_SDA, MAIN_SCL, etc.).

MAIN_UNIT: ↓YES

Do X300 (60.00MHz)/ X400 (27MHz) oscillate?

NO → Check X300/ X400 and its peripheral circuits.

↓YES

Is MPEG data (TS_DATAO, TS_CKO, TS_VALIDO, TS_SYNCO) from IC U401 are output to pin (A26/D23/C24/B26) of a IC U400?

NO → Is the control signal between IC U401 and IC U400 normal? (RESET_CI, etc.).

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART1, SCART2>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART1 go out?

Does not the picture of the CVBS signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART1 (CN500)?	NO →	Check the setting of an external input device that connects of CN500.
Is CVBS signal sent to pin (20) of SCART2 (CN501)?	NO →	Check the setting of an external input device that connects of CN501.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AF25) of IC U400?	NO →	Check the line between IC U400 and CN500.
Is CVBS signal sent to pin (AF26) of IC U400?	NO →	Check the line between IC U400 and CN501.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART1>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN500)?	NO →	Check the setting of an external input device that connects of CN500.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (AE23)/R, (AE22)/G, (AD21)/B of IC U400?	NO →	Check the line between IC U400 and CN500.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART1, SCART2>No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

Does not the picture of the Y/C signal input to SCART2 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN500)?	NO →	Check the setting of an external input device that connects of CN500.
Is Y/C signal sent to pin (20) and (15) of SCART2 (CN501)?	NO →	Check the setting of an external input device that connects of CN501.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AF25)/Y, (AE24)/C of IC U400?	NO →	Check the line between IC U400 and CN500.
Is Y/C signal sent to pin (AF26)/Y, (AE25)/C of IC U400?	NO →	Check the line between IC U400 and CN501.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input AV3(Composite)>No picture on the display (7)

↓

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV3 (CN650) ? —NO→ Check the setting of an external input device that connects of CN650.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (AD26) of IC U400? —NO→ Check the line between IC U400 and CN650.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input AV3(Y/C)>No picture on the display (8)

↓

Does not the picture of the Y/C video signal input to AV3(Y/C) go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (8)/Y, (7)/C of AV3 (CN650) ? —NO→ Check the setting of an external input device that connects of CN650.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (AD25)/Y, (AE26)/C of IC U400? —NO→ Check the line between IC U400 and CN650.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input HDMI1>No picture on the display (9)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN702) normal?

NO → Check the line between pin (AE1) of IC U400 and CN702.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U708 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN702)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U708?

↓NO

YES ↓

Check CN702, IC U708 and peripheral circuits.

Is TMDS signal input into pin (AF7, AE7)/RX2±, (AF6, AE6)/RX1±, (AF5, AE5)/RX0±, (AF4, AE4)/RXC± of IC U400?

NO → Check the line between IC U400 and CN702.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input HDMI2>No picture on the display (10)

↓

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN700) normal?

NO → Check the line between pin (B20) of IC U400 and CN700.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U701 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), (16) of a HDMI terminal(CN700)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U701?

↓NO

YES ↓

Check CN700, IC U701 and peripheral circuits.

Is TMDS signal input into pin (AF11, AE11)/RX2±, (AF10, AE10)/RX1±, (AF9, AE9)/RX0±, (AF8, AE8)/RXC± of IC U400?

NO → Check the line between IC U400 and CN700.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input HDMI3>No picture on the display (11)

↓

Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN701) normal?

NO → Check the line between pin (AA4) of IC U400 and CN701.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U700 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), (16) of a HDMI terminal(CN701)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U700?

↓NO

Check CN701, IC U700 and peripheral circuits.

YES ↓

Is TMDS signal input into pin (AF15, AE15)/RX2±, (AF14, AE14)/RX1±, (AF13, AE13)/RX0±, (AF12, AE12)/RXC± of IC U400?

NO → Check the line between IC U400 and CN701.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input VGA>No picture on the display (12)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN554)?

NO → Check the setting of an external input device that connects of CN554.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (AE18)/R, (AE17)/G, (AF16)/B, (AC16)/H, (AB17)/V of IC U400?

NO → Check the line between IC U400 and CN554.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input AV1(Component)>No picture on the display (13)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of AV1(CN552) ?

NO → Check the setting of an external input device that connects of CN552.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (AF19)/Y, (AF20)/Pb, (AD20)/Pr of IC U400?

NO → Check the line between IC U400 and CN552.

↓YES

Refer to “The picture doesn't appear in all modes.”

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to “CVBS”, “Y/C”, “RGB”, “AUTO”.
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV, CVBS or Y/C of SCART1-2, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to “No picture” for each terminal.
5) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN500 (SCART1)? → YES → Check the setting of an external input device that connects of CN500.

↓NO

Is TUNER_CVBS signal output into pin (21) of CN500 (SCART1)? → YES → Check the line between CN500 and TU200.

↓NO

Refer to “The picture doesn't appear in all modes.”

< During external connection > No picture on the monitor (2)

SCART2: ↓

No picture from SCART1 appears on SCART2-connected monitor.

NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to “CVBS”, “Y/C”, “AUTO”.
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to “No picture” for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN501 (SCART2)? → YES → Check the setting of an external input device that connects of CN501.

↓NO

Is CVBS signal output from pin (Y22) of IC U400 into pin (19) of CN501 (SCART2)? → YES → Check the line between CN501 and IC U400.

↓NO

Refer to “The picture doesn't appear in all modes.”

CHAPTER 5. MAJOR IC INFORMATIONS

[1] MAJOR IC INFORMATIONS

1. MAJOR IC INFORMATIONS

1.1. U400 (MT5337PKR PBGA-465)

Notes: The function of MT5337PKR is same as the function of MT5336PKR except the below 2 items:
1). The MT5337PKR support de-blocking filter, but MT5336PKR has not this function.
2). The MT5337PKR supports up to 1920x1080 panel and VGA dot-to-dot. The MT5336PKR supports up to 1680x1050 panel and VGA dot-to-dot.

GENERAL DESCRIPTION

The **MediaTek MT5337PKR** family consists of a backend decoder and a TV controller and offers high integration for advanced applications. It combines a transport de-multiplexer, a high definition MPEG-2 video decoder, an MPEG2 audio decoder, an LVDS transmitter, and an NTSC/PAL/SECAM TV decoder with a 3D comb filter. The MT5337PKR enables consumer electronics manufactures to build high quality, low cost and feature-rich iDTVs.

World-Leading Audio/Video Technology: The MT5337PKR family has built-in high resolution and high-quality audio codec. It includes MediaTek MDDi™ de-interlace solution to generate very smooth picture quality for motions. A 3D comb filter added to the TV decoder recovers great detail for still pictures. The special color processing technology provides natural, deep colors and true studio quality graphics.

Rich Features for High Value Products: The MT5337PKR family enables a true single-chip experience. It integrates high-quality HDMI1.3, high speed VGA ADC, dual-channel LVDS, and USB2.0 receiver.

Reliable Front-end Receiving Capability: Excellent adjacent and co-channel rejection capability grants customers never miss any wonderful stream. Professional error-concealment provides stable, smooth and mosaic-free video quality.

FEATURES

☐ Host CPU
- ARM 926EJS
- 8K I-Cache and 8K D-Cache
- 4K Instruction TCM
- JTAG ICE interface
- Watch Dog timers

☐ Transport Demultiplexer
- Supports a serial or parallel transport stream input
- Supports DVB-T, MPEG-2 transport stream input
- Supports DES/3-DES/DVB de-scramblers
- Up to 8-PID even/odd keys for descrambling
- Supports 32 PID filters and 32 section filters
- Supports positive/negative/mask section filtering
- Supports hardware CRC-32 check
- Supports PCR recovery function
- Supports a micro-processor for stream process and MPEG start code detection

☐ MPEG2 Decoder
- Supports one MPEG-2 HD decoder
- MPEG MP@ML, MP@HL and MPEG-1 video standards
- The MT5337PKR support de-blocking filter

☐ 2D Graphics
- Supports multiple color modes
- Point, horizontal/vertical line primitive drawings
- Rectangle fill and gradient fill functions
- Bitblt with transparent options
- Alpha blending and alpha composition Bitblt
- Stretch Bitblt
- Font rendering by color expansion
- YCbCr to RGB color space conversion
- Supports off-line scaler

☐ OSD Plane
- Two linking list OSDs with multiple color mode and one of them has scaler

☐ Video Plane
- Supports video capture and over scan.
- Flesh tone management
- Gamma/anti-Gamma correction
- Color Transient Improvement (CTI)
- 2D Peaking
- Saturation/hue adjustment
- Brightness and contrast adjustment
- Black and White level extender

- Adaptive Luma/Chroma management
- Automatic detect film or video source
- 3:2/2:2 pull down source detection
- The MT5337PKR supports maximum 1920 width motion-adaptive de-interlace and supports excellent low angle image processing.
- Arbitrary ratio vertical/horizontal scaling of video, from 1/32X to 32X
- Advanced non-linear panorama scaling.
- Programmable zoom viewer
- Progressive or interlace scan output
- Supports alpha blending
- Dithering processing for flat panel display
- Frame rate conversion.
- The MT5337PKR supports up to 1920x1080 panel and VGA dot-to-dot.
- Support 2 video source PIP/POP feature.

☐ LVDS

- MT5337PKR supports 6/8/10-bit dual–channel , LVDS speeding up to 75 MHz
- Built-in spread spectrum for EMI performance
- Programmable panel timing output

☐ CVBS In

- On-chip 54 MHz 10-bit video ADC
- Supports PAL (B,G,D,H,M,N,I,Nc), NTSC, NTSC-4.43, SECAM
- Macrovision detection
- NTSC/PAL support 3D comb filter, SECAM supports 2D comb filter
- Built-in motion-adaptive 3D Noise Reduction
- VBI data slicer for CC/TT decoding
- Supports 2-S-Video.
- The MT5337PKR support 4-channel CVBS.
- Supports SCART connector

☐ VGA In

- Supports VGA input up to UXGA 162 MHz
- Supports full VESA standards

☐ Component Video In

- Supports two component video inputs
- Supports 480i / 480p / 576i / 576p / 720p / 1080i / 1080p

☐ Audio line in interface

- The MT5337PKR support 1-bit line in data (two channels)

☐ HDMI Receiver

- Mixed 3 channels of HDMI1.3, data rate can be up to 2.25 GHz
- EIA/CEA-861B
- CEC

☐ Audio ADC

- The MT5337PKR support 14-channel (7 R/L pairs) analog audio input.

☐ TV audio demodulator

- Supports BTSC/EIA-J/A2/NICAM/PAL FM/SECAM world-wide formats
- Standard automatic detection
- Stereo demodulation, SAP demodulation
- Mode selection (Main/SAP/Stereo)

☐ Audio DAC

- Four on-chip audio DACs (2 R/L pairs) support R/L channel and subwoofer outputs

☐ DRAM Controller

- Supports 64 Mb to 512 Mb DDR DRAM devices
- The MT5337PKR support configurable 16/32-bit data bus interface. The 16-bit address offers up to 64 M bytes space. The 32-bit address offers up to 128 M bytes space.
- Supports DDR1-333, DDR1-400, DDR2-400, DDR2-533, DDR2-667, DDR2-800

☐ Audio DSP

- Supports Dolby Digital AC-3 decoding
- MPEG-1 layer I/II decoding (DVB)
- Dolby Prologic II
- Audio output: 7.1ch + 2ch (down mix)
- Pink noise and white noise generator
- Equalizer
- Bass management
- 3D surround processing with virtual surround
- Audio and video lip synchronization
- Supports reverberation
- Automatic volume control
- One SPDIF out

• If internal audio DAC is disabled, the MT5337PKR will support 5-bit (10-channel) main audio I2S output interface. Each channel is up to 24-bit resolution.

• If internal audio DAC is disabled, the MT5337PKR family supports 1-bit (2-channel) aux audio I2S output I/F. Each channel is up to 24-bit resolution.

☐ Flash Interface

• The MT5337PKR supports two configurations for the flash interface: 1. two serial flashes, or 2. one serial flash and one 8-bit NAND flash (not OneNAND flash).

• The MT5337PKR supports booting from either one serial flash or NAND flash which can be selected by the settings of strapping at power-on.

• Serial flash interface supports up to 60 MHz clock rate, depending on the spec. of the flash device (currently 20 MHz at maximum)

• NAND flash interface supports 17 Mbytes/sec

• Supports on-the-fly decompression from Serial Flash to DRAM or from NAND Flash to DRAM.

☐ Peripherals

• Each of the MT5337PKR has two built-in UARTs with Tx and Rx FIFO, one of them has hardware flow control and high speed data transferring.

• The MT5337PKR has five serial interfaces; one is for the tuner, one is the master for general purpose, the other three are the slaves for three HDMI EDID data.

• Three PWMs

• IR blaster and receiver

• Real-time clock and watchdog controller

• 1-port USB2.0/1.1 host supports USB mass storage class devices.

• Supports five-channel servo ADC.

• If NAND flash is not enabled, the MT5337PKR supports xD/SM, MS/MS-PRO, SD/MMC, and SDHC card reader.

☐ IC Outline

• The MT5337PKR is 465-pin BGA Package

• 3.3V/1.1V and 2.5V for DDR1, 1.8V for DDR2

☐ System Software

• MHEG-5 is supported

1.2. U102 (LP2996MRX PSOP-8)

General Description

The LP2996 linear regulator is designed to meet the JEDEC SSTL-2 specifications for termination of DDR-SDRAM. The device contains a high-speed operational amplifier to provide excellent response to load transients. The output stage prevents shoot through while delivering 1.5A continuous current and transient peaks up to 3A in the application as required for DDR-SDRAM termination. The LP2996 also incorporates a V_{SENSE} pin to provide superior load regulation and a V_{REF} output as a reference for the chipset and DIMMs. An additional feature found on the LP2996 is an active low shutdown ($\overline{SD}$) pin that provides Suspend To RAM (STR) functionality. When $\overline{SD}$ is pulled low the V_{TT} output will tri-state providing a high impedance output, but, V_{REF} will remain active. A power savings advantage can be obtained in this mode through lower quiescent current.

Features

- Source and sink current
- Low output voltage offset
- No external resistors required
- Linear topology
- Suspend to Ram (STR) functionality
- Low external component count
- Thermal Shutdown
- Available in SO-8, PSOP-8 or LLP-16 packages

Applications

- DDR-I and DDR-II Termination Voltage
- SSTL-2 and SSTL-3 Termination
- HSTL Termination

1.3. U104 (L5985 VFQFPN8)

Description

The L5985 is a step down switching regulator with 2.5A current limited embedded power MOSFET, so it is able to deliver up to 2A DC current to the load depending on the application condition.

The input voltage can range from 2.9V to 18V, while the output voltage can be set starting from 0.6V to V_{IN}. Having a minimum input voltage of 2.9V, the device is suitable for buses staring from for 3.3V bus.

Requiring a minimum set of external components, the device includes an internal 250KHz switching frequency oscillator that can be externally adjusted up to 1MHz.

The QFN package with exposed pad allows reducing the R_{thJA} down to approximately 60°C/W.

Features

- 2A DC output current
- 2.9V to 18V input voltage
- Output voltage adjustable from 0.6V
- 250KHz switching frequency, programmable up to 1MHz
- Internal Soft-start and Inhibit
- Low dropout operation: 100% duty cycle
- Voltage feed-forward
- Zero load current operation

- Over current and thermal protection
- VQFN3x3-8L package

Applications

- Consumer:

STB, DVD, DVD recorder, car audio, LCD TV and monitors

- Industrial:

Chargers, car battery, PLD, PLA, FPGA

- Networking: XDSL, modems, DC-DC modules
- Computer:

Optical storage, hard disk drive, printers, audio/graphic cards

1.4. U351 (HYB18TC256160BF-3S TFBGA-84-55)

Features

The 256-Mbit Double-Data-Rate-Two SDRAM offers the following key features:

- 1.8 V ± 0.1 V Power Supply
- 1.8 V ± 0.1 V (SSTL_18) compatible I/O
- DRAM organizations with 4, 8 and 16 data in/outputs
- Double Data Rate architecture: two data transfers per clock cycle four internal banks for concurrent operation
- Programmable CAS Latency: 3, 4, 5 and 6
- Programmable Burst Length: 4 and 8
- Differential clock inputs (CK and $\overline{CK}$)
- Bi-directional, differential data strobes (DQS and $\overline{DQS}$) are transmitted / received with data. Edge aligned with read data and center-aligned with write data.
- DLL aligns DQ and DQS transitions with clock
- DQS can be disabled for single-ended data strobe operation
- Commands entered on each positive clock edge, data and data mask are referenced to both edges of $\overline{DQS}$
- Data masks (DM) for write data
- Posted CAS by programmable additive latency for better command and data bus efficiency
- Off-Chip-Driver impedance adjustment (OCD) and On-Die-Termination (ODT) for better signal quality.
- Auto-Precharge operation for read and write bursts
- Auto-Refresh, Self-Refresh and power saving Power-Down modes
- Average Refresh Period 7.8 µs at a T_{CASE} lower than 85 °C, 3.9 µs between 85 °C and 95 °C
- Programmable self refresh rate via EMRS2 setting
- Programmable partial array refresh via EMRS2 settings
- DCC enabling via EMRS2 setting
- Full and reduced Strength Data-Output Drivers
- 1K page size
- Packages: PG-TFBGA-84
- RoHS Compliant Products[1])
- All Speed grades faster than DDR400 comply with DDR400 timing specifications when run at a clock rate of 200 MHz.

1.5. U601 (LM4809MA NOPB SO-8)

General Description

The LM4809 is a dual audio power amplifier capable of delivering 105mW per channel of continuous average power into a 16Ω load with 0.1% (THD+N) from a 5V power supply.

Boomer audio power amplifiers were designed specifically to provide high quality output power with a minimal amount of external components. Since the LM4809 does not require bootstrap capacitors or snubber networks, it is optimally suited for low-power portable systems.

The unity-gain stable LM4809 can be configured by external gain-setting resistors.

The LM4809 features an externally controlled, active-low, micropower consumption shutdown mode, as well as an internal thermal shutdown protection mechanism.

Key Specifications

- THD+N at 1kHz at 105mW continuous average power into 16Ω 0.1% (typ)
- THD+N at 1kHz at 70mW continuous average power into 32Ω 0.1% (typ)
- Shutdown Current 0.4µA (typ)

Features

- Active-low shutdown mode
- "Click and Pop" reduction circuitry
- Low shutdown current
- LLP, MSOP, and SO surface mount packaging
- No bootstrap capacitors required
- Unity-gain stable

Applications

- Headphone Amplifier
- Personal Computers
- Microphone Preamplifier
- PDA’s

1.6. U600 (TDA8932BTW HTSSOP32)

General description

The TDA8932B is a high-efficiency class D amplifier with low power dissipation.

The continuous-time output power is 2 × 15 W in a stereo half-bridge application (R_L = 4 Ω) or 1 × 30 W in a mono full-bridge application (R_L =8 Ω). Due to the low power dissipation the device can be used without any external heat sink when playing music. Due to the implementation of thermal foldback, even for high supply voltages and/or lower load impedances, the device remains operating with considerable music output power without the need for an external heat sink.

The device has two full differential inputs driving two independent outputs. It can be used in a mono full-bridge configuration (Bridge-Tied Load - BTL) or a stereo half-bridge configuration (Single-Ended - SE).

Features

- Operating voltage from 10 V to 36 V asymmetrical or ±5 V to ±18 V symmetrical
- Mono bridge-tied load (full-bridge) or stereo single-ended (half-bridge) application
- Application without heat sink using thermally enhanced small-outline package
- High efficiency and low-power dissipation
- Thermally protected and thermal foldback
- Current limiting to avoid audio holes
- Full short-circuit proof across load and to supply lines (using advanced current protection)
- Switchable internal or external oscillator (master-slave setting)
- No pop noise
- Full differential inputs

Applications

- Flat-panel television sets
- Flat-panel monitor sets
- Multimedia systems
- Wireless speakers
- Mini/micro systems
- Home sound sets

1.7. U603 (RC4580IPWR TSSOP8)

Features

- Operating Voltage . . . ±2 V to ±18 V
- Low Noise Voltage . . . 0.8 μVrms (TYP)
- Wide GBW . . . 12 MHz (TYP)
- Low THD . . . 0.0005% (TYP)
- Slew Rate . . . 5 V/μs (TYP)
- Suitable for Applications Such As Audio Preamplifier, Active Filter, Headphone Amplifier, Industrial Measurement Equipment
- Drop-In Replacement for NJM4580
- Pin and Function Compatible With LM833, NE5532, NJM4558/9, and NJM4560/2/5

1.8. U231 (MT5133AN QFN-48)

General Description

MT5133AN is MediaTek's 2nd generation COFDM (Coded Orthogonal Frequency Division Multiplex) channel demodulator for DVB-T receiver. It is fully compliant with the DVB-T specification (ETSI 300744) and Nordig Unified. MT5133AN implements the functions from tuner IF output to MPEG-2 transport stream input. The device can support 2K, 4K or 8K mode with 6, 7, 8MHz channel. By integrating high performance A/D converters into the chip, MT5133AN can accept first or second IF signal from conventional tuner thus eliminating the need for an external down-converter. Pure digital synchronization, advance channel estimation and equalization guarantee the wide acquisition range of MT5133AN. User can easily access on-chip information, including signal-to-noise ratio, Bit Error Rate (BER) before and after Viterbi decoder. Serial or parallel MPEG transport stream output can be interfaced to all commonly available backend processor chips.

Features

- ETSI 300 744 and Nordig Unified compliant
- Suitable for Single Frequency Network (SFN) operation
- Support 2K, 4K, 8K modes
- Support QPSK,16QAM ,64QAM constellations
- 1/4,1/8,1/16,1/32 Guard interval
- Support hierarchical & non-hierarchical modes
- Automatic mode detection
- Full-digital timing/frequency with wide acquisition range

- Support triple offset
- On-chip high-performance 10-bit ADC
- Excellent adjacent Channel interference (ACI) rejection capability
- Excellent Co-Channel interference (CCI) rejection capability
- MPEG-2 transport stream output in parallel or serial format
- Build-in PID filters
- Very low power consumption < 180mW
- Controlled by I2C interface
- Package : QFN48

1.9. U602 (WM8521H9GED/RV SOIC-14)

DESCRIPTION

The WM8521 is a 96kHz stereo DAC with an integrated output op-amp stage, designed to generate a 2.0Vrms output signal directly, so reducing external component requirements in digital audio applications.

WM8521 comes into two variants WM8521HC and WM8521H9 which offers different line drive output capabilities. WM8521HC outputs 2Vrms at 12V supply, while WM8521H9 outputs 2.0Vrms at 9V supply. WM8521HC/H9 are designed for cost sensitive consumer digital audio applications requiring 2Vrms line output.

A 24-bit multi-bit sigma delta DAC is used with oversampling digital interpolation filters. Digital audio input word lengths from 16-32 bits and sampling rates from 8kHz to 96kHz are supported.

The audio interface supports I^2S, Right Justified and DSP digital audio formats.

The devices are controlled via a hardware interface which provides access to features including de-emphasis, mute and data formats. These devices are pin equivalent and are available in a 14-pin SOIC package.

FEATURES

- Audio Performance
  - DAC SNR 98dB (‘A’ weighted @ 48kHz)
  - THD -81dB (‘A’ weighted @ 48kHz)
- DAC Sampling Frequency: 8kHz – 96kHz
- Pin Selectable Audio Data Interface Format
  - I^2S, 16-bit Right Justified or 16bit DSP
- 2.0 Vrms output at 12V or 9V supply
- 8.2V to 13.2V Analogue, 2.7V to 3.6 Digital Supply
- 14-pin SOIC Package

APPLICATIONS

- Consumer digital audio applications requiring 2 Vrms output
  - DVD Players
  - Digital TV
  - Digital Set Top Boxes
  - A/V Receivers

1.10. U401 (MT8295AE LQFP-128)

FEATURES

■ PCMCIA/CI Interface
- Single slot PC Card interface
- Single slot CI interface
- 512 byte embedded buffer

■ Host Interface
- NAND flash interface
- Interrupt capability
- 3.3V logic levels

■ Transport Stream Interface
- MPEG2 compliant TS
- One parallel or two serial TS interface from demodulator
- Serial TS interface to MPEG2 decoder
- Parallel TS interface from/to CAM
- Supports serial to parallel TS conversion
- Supports parallel to serial TS conversion

■ Miscellaneous
- 27 MHz crystal
- 60 MHz clock input
- Integrated PLL
- 3.3/1.8V process
- 5V compatible I/Os for PC Card interface
- Supports additional 15 GPIOs
- LQFP 128-pin package

1.11. U390 (MX25L3205DMI-12G SOP-16)

FEATURES

GENERAL

- Serial Peripheral Interface compatible -- Mode 0 and Mode 3
- 32M:33,554,432 x 1 bit structure or 16,772,216 x 2 bits (two I/O read mode) structure
- 1024 Equal Sectors with 4K byte each (32Mb)
  - Any Sector can be erased individually
- 64 Equal Blocks with 64K byte each (32Mb)
  - Any Block can be erased individually
- Single Power Supply Operation
  - 2.7 to 3.6 volt for read, erase, and program operations
- Latch-up protected to 100mA from -1V to Vcc +1V
- Low Vcc write inhibit is from 1.5V to 2.5V

PERFORMANCE

- High Performance
  - Fast access time: 86MHz serial clock (15pF + 1TTL Load) and 66MHz serial clock (30pF + 1TTL Load)
  - Serial clock of two I/O read mode : 50MHz (15pF + TTL Load), which is equivalent to 100MHz
  - Fast program time: 1.4ms(typ.) and 5ms(max.)/page (256-byte per page)
  - Byte program time: 7us (typical)
  - Continuously program mode (automatically increase address under word program mode)
  - Fast erase time: 60ms(typ.) /sector (4K-byte per sector) ; 0.7s(typ.) /block (64K-byte per block); 25s(typ.) for 32Mb
- Low Power Consumption
  - Low active read current: 25mA(max.) at 86MHz, 20mA(max.) at 66MHz and 10mA(max.) at 33MHz
  - Low active programming current: 20mA (max.)
  - Low active erase current: 20mA (max.)
  - Low standby current: 20uA (max.)
  - Deep power-down mode 1uA (typical)
- Typical 100,000 erase/program cycles

SOFTWARE FEATURES

- Input Data Format
  - 1-byte Command code
- Advanced Security Features
  - Block lock protection

  The BP0-BP3 status bit defines the size of the area to be software protection against program and erase instructions
  - Additional 512-bit secured OTP for unique identifier
- Auto Erase and Auto Program Algorithm
  - Automatically erases and verifies data at selected sector
  - Automatically programs and verifies data at selected page by an internal algorithm that automatically times the program pulse widths (Any page to be programed should have page in the erased state first)
- Status Register Feature
- Electronic Identification
  - JEDEC 1-byte manufacturer ID and 2-byte device ID
  - RES command for 1-byte Device ID
  - Both REMS and REMS2 commands for 1-byte manufacturer ID and 1-byte device ID

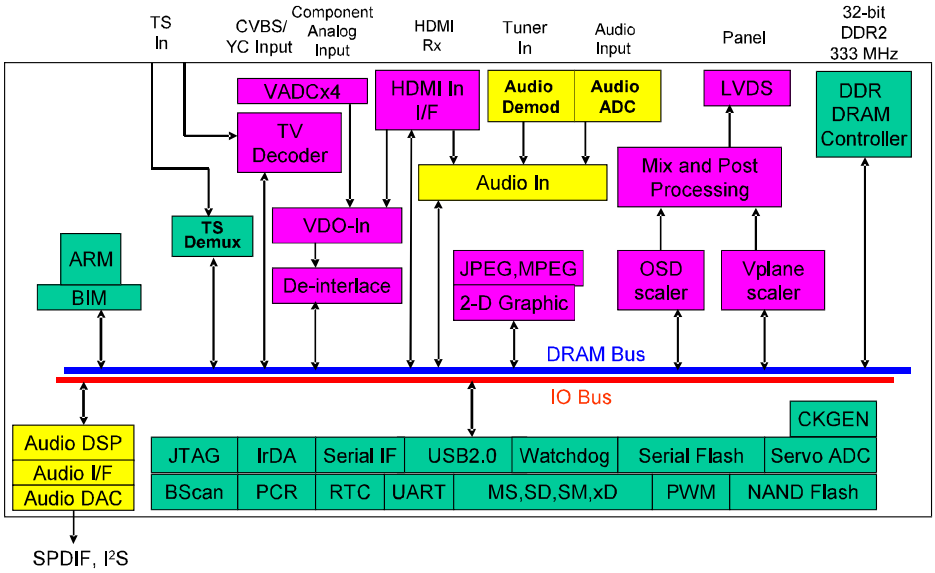
HARDWARE FEATURES

- SCLK Input
  - Serial clock input
- SI Input
  - Serial Data Input
- SO Output
  - Serial Data Output
- WP#/ACC pin
  - Hardware write protection and program/erase acceleration
- HOLD# pin
  - pause the chip without diselecting the chip
- PACKAGE
  - 16-pin SOP (300mil)
  - 8-land WSON (8x6mm or6x5mm)
  - 8-pin SOP (200mil, 150mil)
  - 8-pin PDIP (300mil)
  - All Pb-free devices are RoHS Compliant

2. Detailed ICs Information

2.1. U400 (MT5337PKR PBGA-465. The block diagram and Pin connections of MT5337PKR are same as those of MT5336PKR.)

2.1.1 Block Diagram



2.1.2 Pin Connections and short description

LT	1	2	3	4	5	6	7	8	9	10	11	12	13
A		VCC2IO	VCCK	VCCK	JTRST_	JTDO	JTMS	POOE_		PDD7	A0N	A1N	A2N
B	REXTUP	VCC2IO	VCC2IO	VCCK	VCCK	JTCK	JTDI	POCB1_	PDD2	PDD6	A0P	A1P	A2P
C	RDQ3	REXTDN	VCC2IO	VCC2IO	VCCK	VCCK	VCCK	POCB0_	PDD1	PDD5	PAALE	A5N	A6N
D	RDQ6	RDQ1	RDQ4	VCC2IO	VCC2IO	VCCK		JRTCK	PDD0	PDD4	PACLE	A5P	A6P
E	DVSS	RDQ5	RDQ0	RDQ7	VCC2IO	VCC2IO			POWE_	PDD3	PARB_	AVDD33_LVDS	AVDD33_LVDS
F		RDQS0_	RDQS0	RDQ2	DVSS	VCC2IO				VCC3IO_3	VCC3IO_3		
G	RDQ12	RDQS1_	RDQS1	RDQM1	RDQM0								
H	VCC2IO	RDQ8	RDQ15	RDQ11	VCC2IO	DVSS							
J		RDQ13	RDQ10	RDQ9	VCC2IO								
K	RRAS_	RCLK0_	RCLK0	RODT	RDQ14	DVSS					VCCK	DVSS	VCCK
L	RCAS_	RA11	RCS_	RA0	DVSS						DVSS	VCCK	DVSS
M		RA2	RA6	VCC2IO	RA4	RA8					VCCK	DVSS	DVSS
N	RA5	RA9	RA1	RA10	VCC2IO						DVSS	VCCK	DVSS
P	RA7	RA3	RA12	RBA0	RBA1	RWE_					DVSS	VCCK	DVSS
R		RVREF	RVREF	RCKE	DVSS						VCCK	DVSS	DVSS
T	RDQ19	RDQ20	RDQ17	DVSS	RDQ23	RDQ21					DVSS	VCCK	DVSS
U	RDQ22	RDQ18	RDQ16	RDQM2	VCC2IO						VCCK	DVSS	VCCK
V		RDQS2	RDQS2_	VCC2IO	RDQS3	RDQS3_							
W	VCC2IO	RDQ28	RDQ24	RDQ26	DVSS								
Y	RDQ27	RDQ25	RDQ30	DVSS	GPIO6								
AA		RDQM3	RDQ31	GPIO7	VCC3IO_1								
AB	DVSS	RDQ29	OSCL1	VCC3IO_1	AVDD33_USB		OPWR1_5V	AVDD12_CVCC					AVDD12_LDO
AC	RCLK1_	RCLK1	OSDA1	AVDD12_USB	ORESET_	OPWR2_5V	OPCTRL3	EXT_RES	AVSS33_HDMI	AVSS33_HDMI	AVSS33_HDMI	AVDD33_HDMI	OPCTRL5
AD	OSCL2	OSDA2	AVSS33_USB	AVSS12_USB	OPWRSB	OPWR0_5V	OPCTRL2		AVSS33_HDMI	AVSS33_HDMI	AVSS33_HDMI	AVDD33_HDMI	
AE	OWRP2	OSDA3	USB_DM	RX2_CB	RX2_0B	RX2_1B	RX2_2B	RX1_CB	RX1_0B	RX1_1B	RX1_2B	RX0_CB	RX0_0B
AF	OSCL3	USB_VRT	USB_DP	RX2_C	RX2_0	RX2_1	RX2_2	RX1_C	RX1_0	RX1_1	RX1_2	RX0_C	RX0_0
LB	1	2	3	4	5	6	7	8	9	10	11	12	13

DDR SIGNAL (73)
Serial / NAND Flash / I2C / Infrared (26)
GPIO / Power Management / USB (25)
JTAG / UART / Crystal / Regulator (13)
HDMI / PWM / LVDS (54)
Servo ADC Input / TV Audio ADC (10)
DVSS
Digital GND (54)
Analog GND (38)

14	15	16	17	18	19	20	21	22	23	24	25	26	RT
CK1N	A3N	A4N	AVDD33_VPLL	GPIO12		GPIO9	GPIO4	OSDA0	AOBCK	AOMCLK	AOSDATA3	RF_AGC	A
CK1P	A3P	A4P	GPIO13	GPIO11	GPIO10	GPIO5	OSCL0	ASPDIF	AOLRCK	AOSDATA2	AOSDATA4	IF_AGC	B
A7N	CK2N	A8N	A9N	TN2	GPIO8	GPIO2	U2TX	ALIN	AOSDATA1	TUNER_DATA	ATN_RX	ATN_TX	C
A7P	CK2P	A8P	A9P	TP2	GPIO3	OPWM2	U2RX	AOSDATA0	TUNER_CLK	VCC3IO_2	OPWM0	DVSS	D
AVDD33_LVDS	AVDD33_LVDS	AVSS33_LVDS	AVSS33_LVDS	AVSS33_LVDS	OIRO	OPWM1	DVSS	DVSS	ATN_DET	VCC3IO_2	DVSS	AL2	E
									VCC3IO_2	AVDD33_ADAC0	AR2	AL1	F
									AVSS33_ADAC0	AVSS33_ADAC0	AR1	ADAC_VCM	G
								AVSS33_ADAC1	AVDD33_ADAC1	VMID_AADC	REFP_AADC	REFN_AADC	H
								AVSS33_AADC	AIN0_L	AIN0_R	AIN1_L	AIN1_R	J
DVSS	DVSS	VCCK	DVSS	VCCK				AVSS33_AADC	AIN2_L	AIN2_R	AIN3_L	AIN3_R	K
VCCK	VCCK	DVSS	VCCK	DVSS				AVSS33_AADC	AIN4_L	AIN4_R	AIN5_L	AIN5_R	L
DVSS	DVSS	DVSS	DVSS	VCCK				AVSS33_AADC	AIN6_L	AIN6_R			M
DVSS	DVSS	DVSS	VCCK	DVSS				AVSS33_DIG	AVDD33_ADC	AVSS25_SADC	AVDD25_SADC	MPX2	N
DVSS	DVSS	DVSS	VCCK	DVSS				AVSS_PLL	AVDD33_DIG	AVDD12_APLL	MPX1P	MPX1N	P
DVSS	DVSS	DVSS	DVSS	VCCK				AVSS_PLL	TN0	AVDD12_DMPLL	AVDD12_ADCPLL	AVDD12_SYSPLL	R
VCCK	VCCK	DVSS	VCCK	DVSS				AVSS_PLL	TP0	AVDD12_DTDPLL	AVDD12_TVDPLL	AVDD12_DMPLL	T
DVSS	DVSS	VCCK	DVSS	VCCK				AVSS33_SRV	VCXO	ADIN3	ADIN4	AVDD12_HDMIPLL	U
									AVDD33_SRV	ADIN0	ADIN1	ADIN2	V
								AVSS_CVBS_IF	AVSS_CVBS_IF	AVSS33_XTAL	XTALI	AVDD33_XTAL	W
								D2SA	AVSS_CVBS_IF	DVDD25_VADC	AVSS33_XTAL	XTALO	Y
								AVSS_CVBS_IF	AVDD25_VFE	AVDD25_REF	AVDD25_VADC		AA
OPCTRL0	U0RX	AVDD33_REG	VSYNC	AVSS12_RGB	AVSS12_RGB	AVSS12_RGB		AVSS_CVBS_IF	NC_V25	VIP_ATV	VINDC		AB
OPCTRL1	U0TX	HSYNC	AVDD12_RGBFE	TP1	TN1	AVSS12_RGB	AVDD12_RGBADC		AVSS_CVBS_IF	VIN_ATV	GND_TUNER	CVBS0	AC
OPCTRL4	OIRI	AVSS33_REG	GN	RN	SOY0	PR0P	Y1P	AVDD12_RGBADC	AVSS_CVBS_IF	GND_CVBS	CVBS2	CVBS1	AD
RX0_1B	RX0_2B	BN	GP	RP	Y0N	PBR0N	SOY1	PB1P	PR1P	SC1	SC0	CVBS3	AE
RX0_1	RX0_2	BP	SOG		Y0P	PB0P		Y1N	PBR1N	GND_SV	SY1	SY0	AF
14	15	16	17	18	19	20	21	22	23	24	25	26	RB

Audio Line In ADC / DEMOD (24)

Audio / RESET (11)

Analog Video Input / Audio DAC (43)

VCC2IO DDR IO Power 1.8V/2.5V (18)

VCC3IO IO Power 3.3V (7)

Analog Power (34)

VCCK Core Power 1.1V (32)

2.2. U102 (LP2996MRX PSOP-8)

2.2.1 Pin Connections and short description

SO-8 Pin or PSOP-8 Pin	LLP Pin	Name	Function
1	2	GND	Ground
2	4	$\overline{SD}$	Shutdown
3	5	VSENSE	Feedback pin for regulating V_{TT}.
4	7	VREF	Buffered internal reference voltage of $V_{DDQ}/2$
5	8	VDDQ	Input for internal reference equal to $V_{DDQ}/2$
6	10	AVIN	Analog input pin
7	11, 12	PVIN	Power input pin
8	14, 15	VTT	Output voltage for connection to termination resistors
-	1, 3, 6, 9, 13, 16	NC	No internal connection

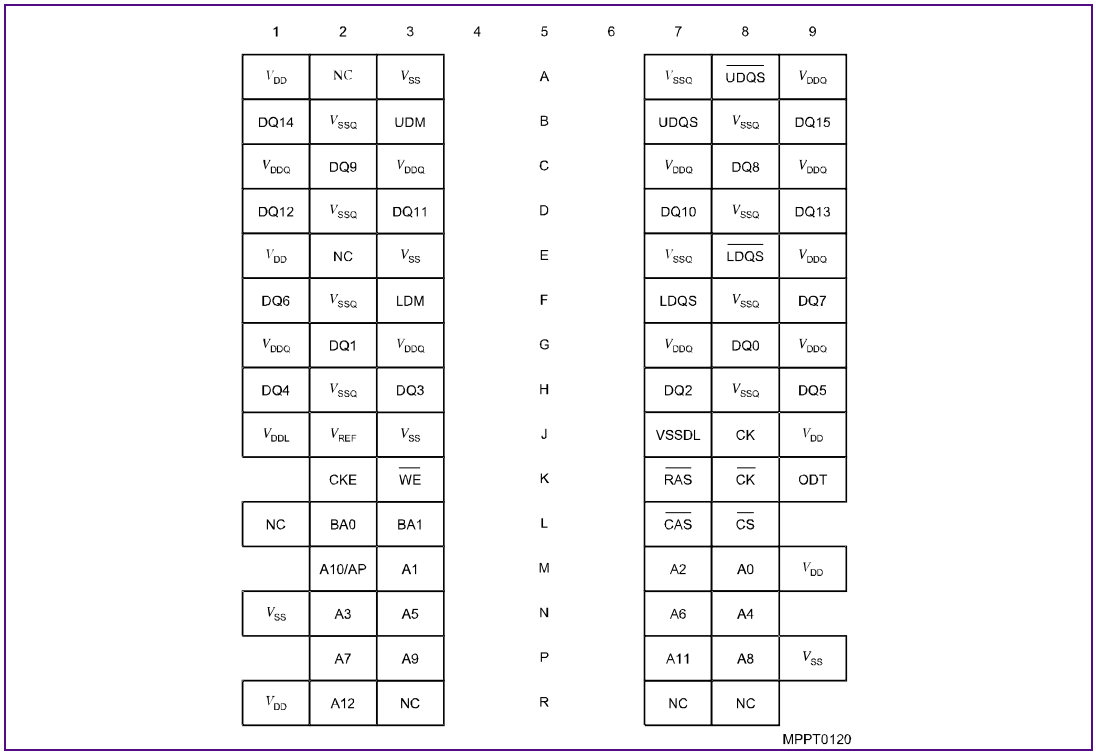
2.3. U104 (L5985 VFQFPN8)

2.3.1 Pin Connections and short description

N°	Type	Description
1	OUT	Regulator output
2	SYNCH	Master/Slave Synchronization. When it is left floating, a signal with a phase shift of half a period respect to the power turn on is present at the pin. When connected to an external signal at a frequency higher than the internal one, then the device is synchronized by the external signal, with zero phase shift. Connecting together the SYNC pin of two devices, the one with higher frequency works as master and the other one as slave; so the two power turn on have a phase shift of half a period.
3	INH	A logical signal (active high) disable the device. With INH higher than 1.9V the device is OFF and with INH lower than 0.6V the device is ON.
4	COMP	Error Amplifier output to be used for loop frequency compensation
5	FB	Feedback input. Connecting the output voltage directly to this pin the output voltage is regulated at 0.6V. To have higher regulated voltages an external resistor divider is required from Vout to FB pin.
6	F_{SW}	The switching frequency can be increased connecting an external resistor from FSW pin and ground. If this pin is left floating the deice works at its free-running frequency of 250KHz.
7	GND	Ground
8	V_{CC}	Unregulated DC input voltage

2.4. U351 (HYB18TC256160BF-3S TFBGA-84-55)

2.4.1 Pin Connections and short description

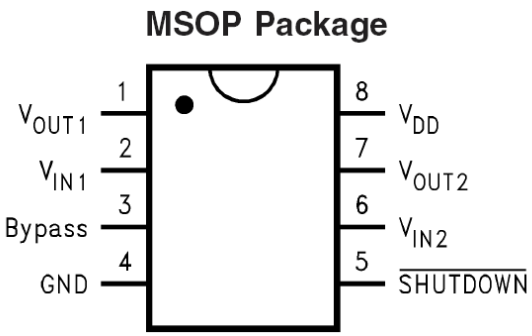

1 2 3 4 5 6 7 8 9
VDD NC VSS A VSSQ UDQS VDDQ
DQ14 VSSQ UDM B UDQS VSSQ DQ15
VDDQ DQ9 VDDQ C VDDQ DQ8 VDDQ
DQ12 VSSQ DQ11 D DQ10 VSSQ DQ13
VDD NC VSS E VSSQ LDQS VDDQ
DQ6 VSSQ LDM F LDQS VSSQ DQ7
VDDQ DQ1 VDDQ G VDDQ DQ0 VDDQ
DQ4 VSSQ DQ3 H DQ2 VSSQ DQ5
VDDL VREF VSS J VSSDL CK VDD
CKE WE K RAS CK ODT
NC BA0 BA1 L CAS CS
A10/AP A1 M A2 A0 VDD
VSS A3 A5 N A6 A4
A7 A9 P A11 A8 VSS
VDD A12 NC R NC NC
MPPT0120

Ball#/Pin#	Name	Pin Type	Buffer Type	Function
Data Signals ×16 Organization				
G8	DQ0	I/O	SSTL	Data Signal 15:0
G2	DQ1	I/O	SSTL	
H7	DQ2	I/O	SSTL	
H3	DQ3	I/O	SSTL	
H1	DQ4	I/O	SSTL	
H9	DQ5	I/O	SSTL	
F1	DQ6	I/O	SSTL	
F9	DQ7	I/O	SSTL	
C8	DQ8	I/O	SSTL	
C2	DQ9	I/O	SSTL	
D7	DQ10	I/O	SSTL	
D3	DQ11	I/O	SSTL	
D1	DQ12	I/O	SSTL	
D9	DQ13	I/O	SSTL	
B1	DQ14	I/O	SSTL	
B9	DQ15	I/O	SSTL	
Data Strobe ×16 Organization				
B7	UDQS	I/O	SSTL	Data Strobe Upper Byte
A8	$\overline{\text{UDQS}}$	I/O	SSTL	
F7	LDQS	I/O	SSTL	Data Strobe Lower Byte
E8	$\overline{\text{LDQS}}$	I/O	SSTL	
Data Mask ×16 Organization				

B3	UDM	I	SSTL	Data Mask Upper/Lower Byte
F3	LDM	I	SSTL	
Power Supplies ×16 Organization				
J2	V_{REF}	AI	—	I/O Reference Voltage
E9, G1, G3, G7, G9	V_{DDQ}	PWR	—	I/O Driver Power Supply
J1	V_{DDL}	PWR	—	Power Supply
E1, J9, M9, R1	V_{DD}	PWR	—	Power Supply
E7, F2, F8, H2, H8	V_{SSQ}	PWR	—	I/O Driver Power Supply
J7	V_{SSDL}	PWR	—	Power Supply
A3, 3,J3,N1,P9	V_{SS}	PWR	—	Power Supply
Not Connected ×16 Organization				
A2, E2, L1, R3, R7, R8	NC	NC	—	Not Connected
Other Pins ×16 Organization				
K9	ODT	I	SSTL	On-Die Termination Control

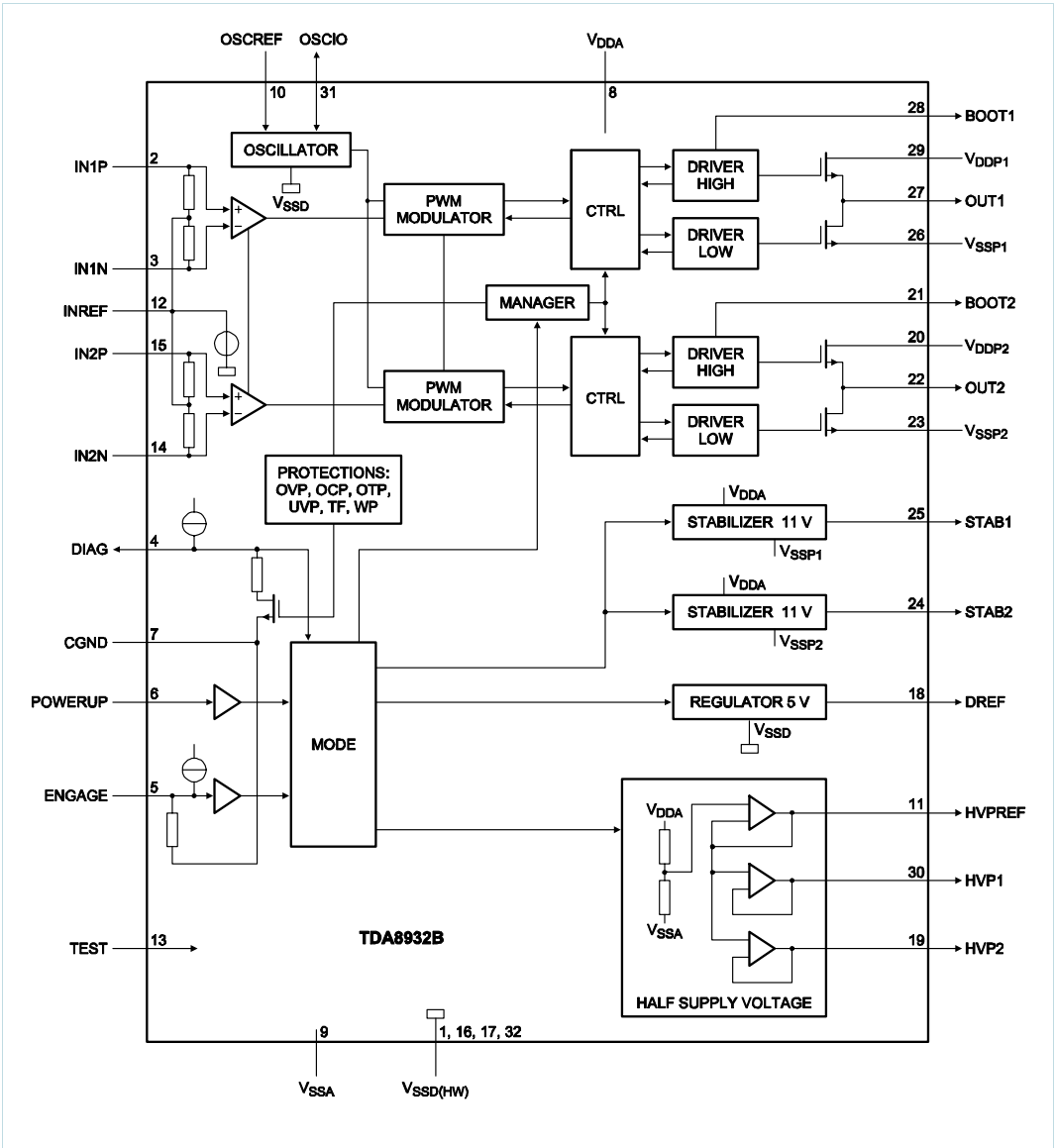
2.5. U601 (LM4809MA NOPB SO-8)

2.5.1 Pin Connections and short description

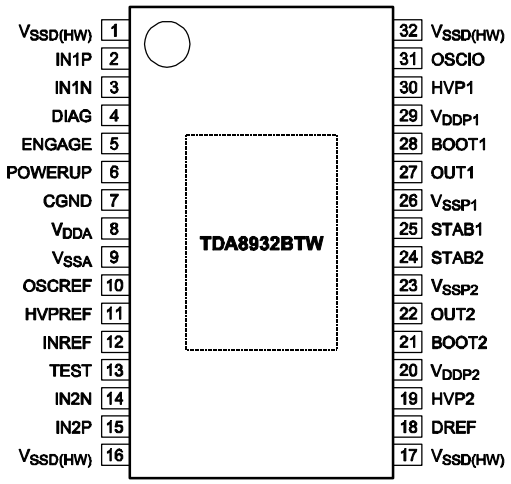


2.6. U600 (TDA8932BTW HTSSOP32)

2.6.1 Block Diagram



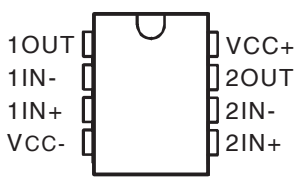
2.6.2 Pin Connections and short description



Symbol	Pin	Description
VSSD(HW)	1	negative digital supply voltage and handle wafer connection
IN1P	2	positive audio input for channel 1
IN1N	3	negative audio input for channel 1
DIAG	4	diagnostic output; open-drain
ENGAGE	5	engage input to switch between Mute mode and Operating mode
POWERUP	6	power-up input to switch between Sleep mode and Mute mode
CGND	7	control ground; reference for POWERUP, ENGAGE and DIAG
VDDA	8	positive analog supply voltage
VSSA	9	negative analog supply voltage
OSCREF	10	input internal oscillator setting (only master setting)
HVPREF	11	decoupling of internal half supply voltage reference
INREF	12	decoupling for input reference voltage
TEST	13	test signal input; for testing purpose only
IN2N	14	negative audio input for channel 2
IN2P	15	positive audio input for channel 2
VSSD(HW)	16	negative digital supply voltage and handle wafer connection
VSSD(HW)	17	negative digital supply voltage and handle wafer connection
DREF	18	decoupling of internal (reference) 5 V regulator for logic supply
HVP2	19	half supply output voltage 2 for charging single-ended capacitor for channel 2
VDDP2	20	positive power supply voltage for channel 2
BOOT2	21	bootstrap high-side driver channel 2
OUT2	22	Pulse Width Modulated (PWM) output channel 2
VSSP2	23	negative power supply voltage for channel 2
STAB2	24	decoupling of internal 11 V regulator for channel 2 drivers
STAB1	25	decoupling of internal 11 V regulator for channel 1 drivers
VSSP1	26	negative power supply voltage for channel 1
OUT1	27	PWM output channel 1
BOOT1	28	bootstrap capacitor for channel 1
VDDP1	29	positive power supply voltage for channel 1
HVP1	30	half supply output voltage 1 for charging single-ended capacitor for channel 1
OSCIO	31	oscillator input in slave configuration or oscillator output in master configuration
VSSD(HW)	32	negative digital supply voltage and handle wafer connection

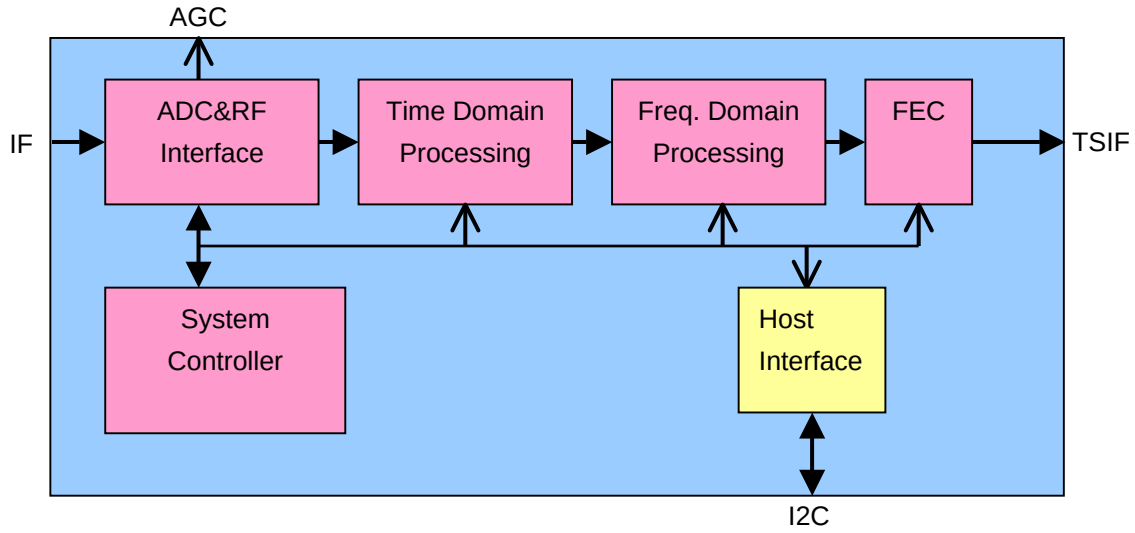
2.7. U603 (RC4580IPWR TSSOP8)

2.7.1 Pin Connections and short description

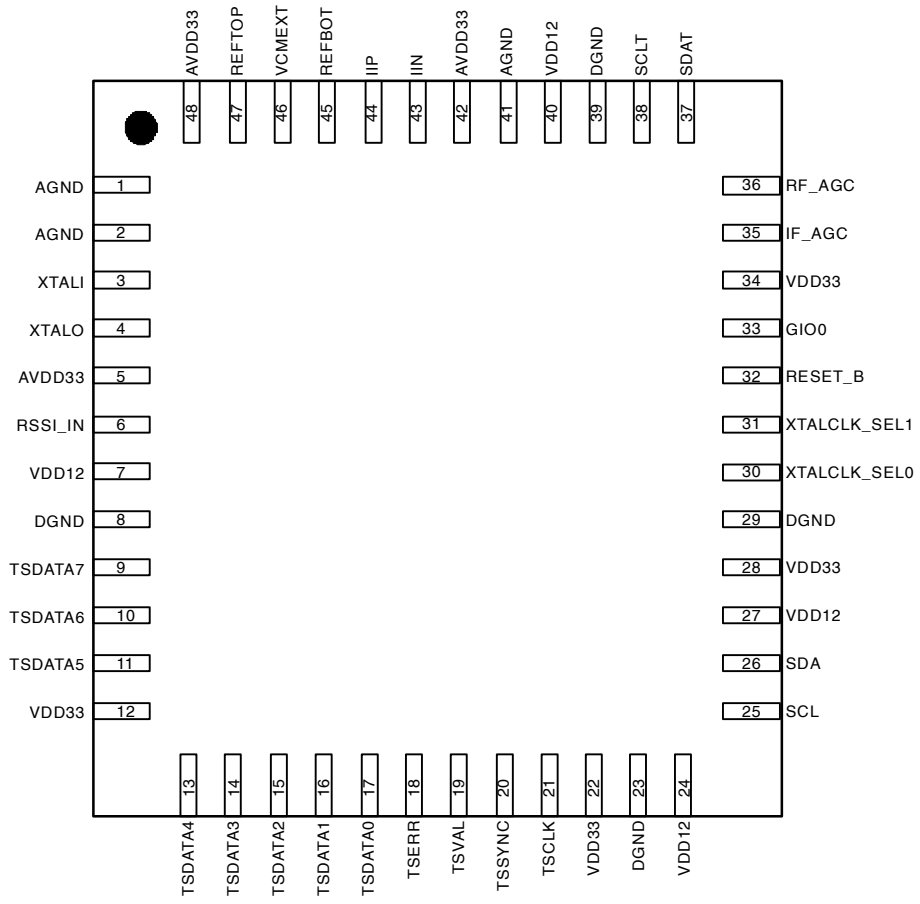


2.8. U231 (MT5133AN QFN-48)

2.8.1 Block Diagram



2.8.2 Pin Connections and short description

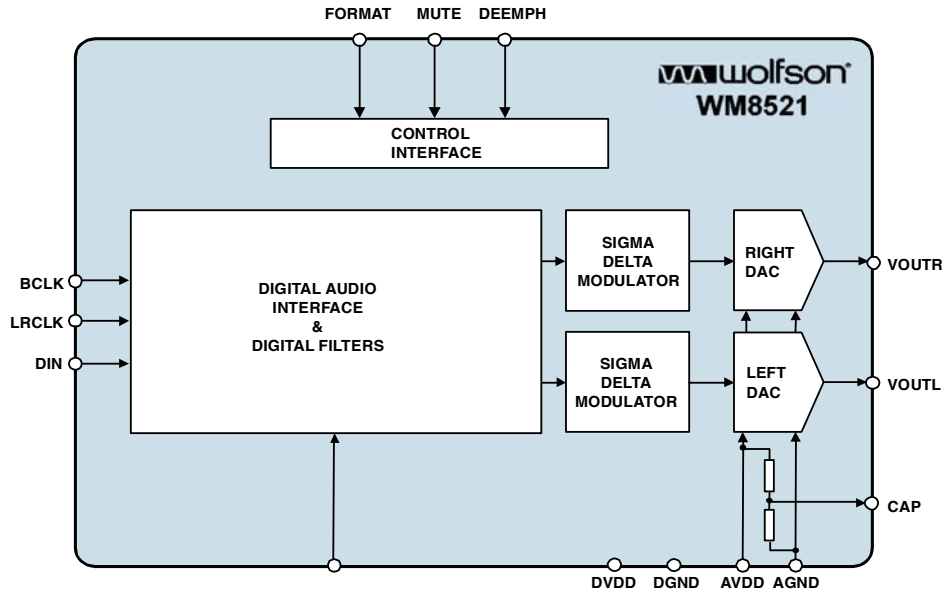


Pin Numbers	Symbol	Type	Description
Transport Stream / I2C Address setting			
9	TSDATA7	I/O	1. TS data output. In serial transport stream mode, TSDATA [7:0] are the same, you can select one of them as serial transport stream data. 2. I2C chip address, SA2, HW strapping during reset, default internal pull low.
10	TSDATA6	I/O	1. TS data output. 2. I2C chip address, SA1, HW strapping during reset, default internal pull low.
11	TSDATA5	I/O	1. TS data output. 2. I2C chip address, SA0, HW strapping during reset, default internal pull high.
13	TSDATA4	O	TS data output.
14	TSDATA3	O	TS data output.
15	TSDATA2	O	TS data output.
16	TSDATA1	O	TS data output.
17	TSDATA0	O	TS data output.
18	TSERR	O	TS packet error indicator
19	TSVAL	O	TS output valid signal

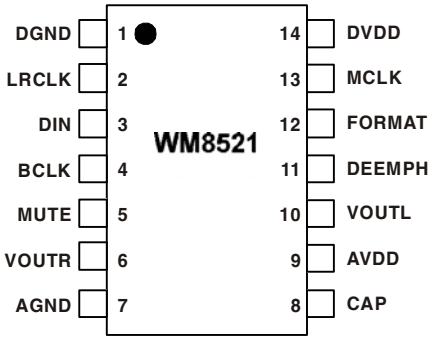
20	TSSYNC	O	TS packet start signal
21	TSCLK	O	TS output clock
Analog Signal			
6	RSSI_IN	A	Received signal strength indicator input
43	IIN	A	Analog IF input (differential)
44	IIP	A	Analog IF input (differential)
47	REFTOP	A	ADC reference top voltage. Decouple with a capacitor to Analog ground plane.
45	REFBOT	A	ADC reference bottom voltage. Decouple with a capacitor to Analog ground plane.
46	VCMEXT	A	ADC common mode voltage
Clock Generation			
3	XTALI	A	Crystal input
4	XTALO	A	
Control Signals			
33	GIO0	I/O	GIO 0
36	RF_AGC	I/O	1. GIO4 2. RF AGC control
31	XTALCLK_SEL1	I	clock (crystal) frequency selection
30	XTALCLK_SEL0	I	
25	SCL	I	Host processor serial clock input
26	SDA	I/O	Host processor serial data pin
38	SCLT	I	Tuner serial clock output, 5 volt compatible
37	SDAT	I/O	Tuner serial data pin, 5 volt compatible
35	IF_AGC	O	IF AGC output
32	RESET_B	I	Power reset pin, low active Required reset timing is 15ms(after power stable), VIH=2.5V,VL=0.5V
Power Supply			
12, 22, 28, 34	VDD33	P	Digital power supply, tie to 3.3V
7, 24, 27, 40	VDD12	P	Digital power supply, tie to 1.2V
8, 23, 29, 39	DGND	P	Digital ground, tie to digital ground plane
5, 42, 48	AVDD33	P	Analog power supply, tie to 3.3V
1, 2, 41	AGND	P	Analog ground, tie to analog ground plane

2.9. U602 (WM8521H9GED/RV SOIC-14)

2.9.1 Block Diagram



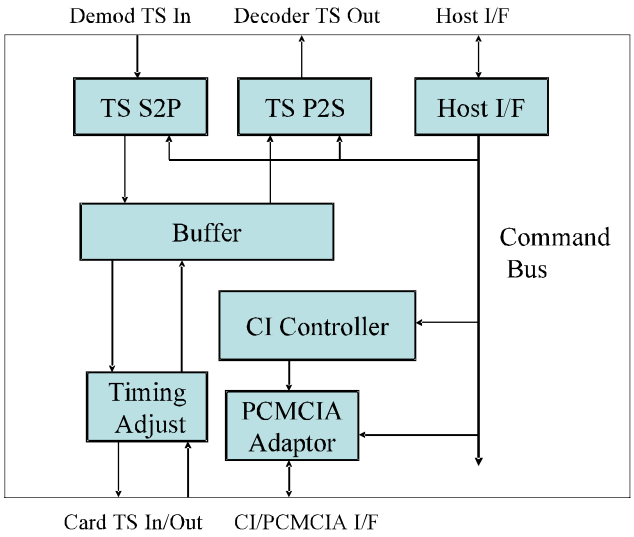
2.9.2 Pin Connections and short description



PIN	NAME	TYPE	DESCRIPTION
1	DGND	Supply	Digital Negative supply
2	LRCLK	Digital input	Sample rate clock input
3	DIN	Digital input	Serial audio data input
4	BCLK	Digital input	Bit clock input
5	MUTE	Digital input	Soft mute control, Internal pull down High Impedance = Automute High = Mute ON Low = Mute OFF
6	VOUTR	Analogue output	Right channel DAC output
7	AGND	Supply	Analogue Negative supply
8	CAP	Analogue output	Analogue internal reference
9	AVDD	Supply	Analogue Positive supply
10	VOUTL	Analogue output	Left channel DAC output
11	DEEMPH	Digital input	De-emphasis select, Internal pull down High = de-emphasis ON Low = de-emphasis OFF
12	FORMAT	Digital input	Data input format select, Internal pull up Low = 16-bit right justified or 16bit DSP 'late' High = 16-32-bit I^2S or 16bit DSP 'early'
13	MCLK	Digital input	Master clock input
14	DVDD	Supply	Digital Positive supply

2.10. U401 (MT8295AE LQFP-128)

2.10.1 Block Diagram



2.10.2 Pin Connections and short description

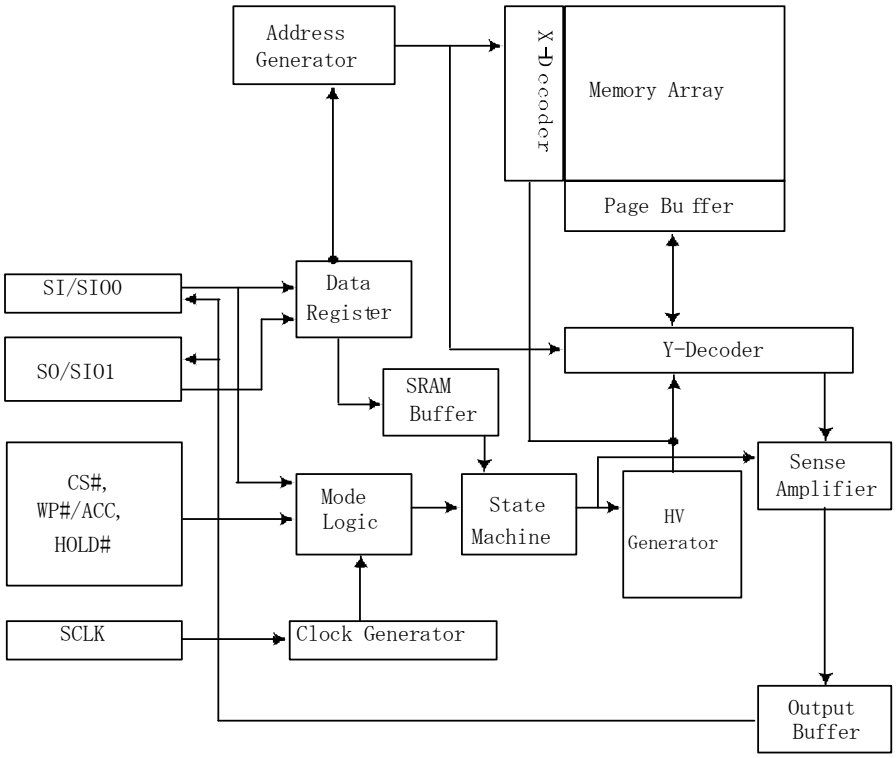
Pin Number			Symbol	Type	Driving	Description	Note
M0	M1	M2					
Miscellaneous							
107			RESETB	I	N/A	Chip reset	
114	100	117	CI_INT	O	4~16mA	Interrupt	1
NAND flash							
116	102	115	CI_DATA0	I/O	4~16mA	NAND Flash Data bit 0	1
115	101	114	CI_DATA1	I/O	4~16mA	NAND Flash Data bit 1	1
95	96	106	CI_DATA2	I/O	4~16mA	NAND Flash Data bit 2	1
102	117	105	CI_DATA3	I/O	4~16mA	NAND Flash Data bit 3	1
101	116	103	CI_DATA4	I/O	4~16mA	NAND Flash Data bit 4	1
100	115	102	CI_DATA5	I/O	4~16mA	NAND Flash Data bit 5	1
99	95	101	CI_DATA6	I/O	4~16mA	NAND Flash Data bit 6	1
98	94	100	CI_DATA7	I/O	4~16mA	NAND Flash Data bit 7	1
94	99	116	CI_CEB	I	N/A	NAND Flash Chip enable	1
106	98	99	CI_RB	O	4~16mA	NAND Flash Ready	1
96	114	94	CI_WEB	I	N/A	NAND Flash Write enable	1
103	105	95	CI_ALE	I	N/A	NAND Flash Address Latch enable	1
105	103	96	CI_CLE	I	N/A	NAND Flash Command Latch enable	1
117	106	98	CI_OEB	I	N/A	NAND Flash Output enable	1
CLK/Crystal							

109	XTALO	O	N/A	Crystal output	
110	XTALI	I	N/A	Crystal input	
Transport stream (TS)					
6	T0CLK	I	N/A	Transport stream 1 input clock	
7	T0SYNC	I	N/A	Transport stream 1 input sync.	
8	T0VALID	I	N/A	Transport stream 1 input valid	
9	T0DATA0	I	N/A	Transport stream 1 input data bit 0	
11	T0DATA1	I	N/A	Transport stream 1 input data bit 1 Transport stream 2 input clock	2
12	T0DATA2	I	N/A	Transport stream 1 input data bit 2 Transport stream 2 input sync	2
13	T0DATA3	I	N/A	Transport stream 1 input data bit 3 Transport stream 2 input valid	2
14	T0DATA4	I	N/A	Transport stream 1 input data bit 4 Transport stream 2 input data	2
16	T0DATA5	I	N/A	Transport stream 1 input data bit 5	
17	T0DATA6	I	N/A	Transport stream 1 input data bit 6	
18	T0DATA7	I	N/A	Transport stream 1 input data bit 7	
123	TS_CKO	O	4~16mA	Transport stream output clock	
125	TS_SYNCO	O	4~16mA	Transport stream output sync.	
122	TS_VALIDO	O	4~16mA	Transport stream output valid	
124	TS_DATAO	O	4~16mA	Transport stream output data	
General Purpose Input and Output (GPIO)					
1	GPIO0	I/O	4~16mA	General purpose I/O bit 0	
2	GPIO1	I/O	4~16mA	General purpose I/O bit 1	
3	GPIO2	I/O	4~16mA	General purpose I/O bit 2	
4	GPIO3	I/O	4~16mA	General purpose I/O bit 3	
19	GPIO4	I/O	4~16mA	General purpose I/O bit 4	
20	GPIO5	I/O	4~16mA	General purpose I/O bit 5	
21	GPIO6	I/O	4~16mA	General purpose I/O bit 6	
91	GPIO7	I/O	4~16mA	General purpose I/O bit 7	
92	GPIO8	I/O	4~16mA	General purpose I/O bit 8	
93	GPIO9	I/O	4~16mA	General purpose I/O bit 9	
118	GPIO10	I/O	4~16mA	General purpose I/O bit 10	
119	GPIO11	I/O	4~16mA	General purpose I/O bit 11	
120	GPIO12	I/O	4~16mA	General purpose I/O bit 12	
127	GPIO13	I/O	4~16mA	General purpose I/O bit 13	
128	GPIO14	I/O	4~16mA	General purpose I/O bit 14	
PCMCIA/CI					
83	D0	I/O	4~16mA	PCMCIA data bit 0	
85	D1	I/O	4~16mA	PCMCIA data bit 1	
87	D2	I/O	4~16mA	PCMCIA data bit 2	
24	D3	I/O	4~16mA	PCMCIA data bit 3	
26	D4	I/O	4~16mA	PCMCIA data bit 4	
28	D5	I/O	4~16mA	PCMCIA data bit 5	
30	D6	I/O	4~16mA	PCMCIA data bit 6	
32	D7	I/O	4~16mA	PCMCIA data bit 7	
81	D8	I/O	4~16mA	PCMCIA data bit 8	
84	D9	I/O	4~16mA	PCMCIA data bit 9	
86	D10	I/O	4~16mA	PCMCIA data bit 10	
25	D11	I/O	4~16mA	PCMCIA data bit 11	
27	D12	I/O	4~16mA	PCMCIA data bit 12	
29	D13	I/O	4~16mA	PCMCIA data bit 13	
31	D14	I/O	4~16mA	PCMCIA data bit 14	
34	D15	I/O	4~16mA	PCMCIA data bit 15	
80	A0	O	4~16mA	PCMCIA address bit 0	
78	A1	O	4~16mA	PCMCIA address bit 0	
75	A2	O	4~16mA	PCMCIA address bit 0	
73	A3	O	4~16mA	PCMCIA address bit 0	
71	A4	O	4~16mA	PCMCIA address bit 0	
69	A5	O	4~16mA	PCMCIA address bit 0	
66	A6	O	4~16mA	PCMCIA address bit 0	
64	A7	O	4~16mA	PCMCIA address bit 0	
46	A8	O	4~16mA	PCMCIA address bit 0	
44	A9	O	4~16mA	PCMCIA address bit 0	
37	A10	O	4~16mA	PCMCIA address bit 0	
41	A11	O	4~16mA	PCMCIA address bit 0	

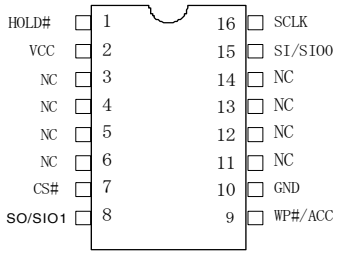
62	A12	O	4~16mA	PCMCIA address bit 0	
48	A13	O	4~16mA	PCMCIA address bit 0	
50	A14	O	4~16mA	PCMCIA address bit 0	
59	A15	O	4~16mA	PCMCIA address bit 0	
57	A16	O	4~16mA	PCMCIA address bit 0	
45	A17	O	4~16mA	PCMCIA address bit 0	
47	A18	O	4~16mA	PCMCIA address bit 0	
49	A19	O	4~16mA	PCMCIA address bit 0	
51	A20	O	4~16mA	PCMCIA address bit 0	
54	A21	O	4~16mA	PCMCIA address bit 0	
56	A22	O	4~16mA	PCMCIA address bit 0	
58	A23	O	4~16mA	PCMCIA address bit 0	
61	A24	O	4~16mA	PCMCIA address bit 0	
63	A25	O	4~16mA	PCMCIA address bit 0	
67	RESET	O	4~16mA	PCMCIA reset	
35	CE1_	O	4~16mA	PCMCIA card enable 1	
36	CE2_	O	4~16mA	PCMCIA card enable 2	
23	CD1_	I	N/A	PCMCIA card detection 1	
88	CD2_	I	N/A	PCMCIA card detection 2	
38	VS1_	I	N/A	PCMCIA voltage sense 1	
65	VS2_	I	N/A	PCMCIA voltage sense 2	
79	BVD1	I	N/A	PCMCIA battery voltage detection 1	
77	BVD2	I	N/A	PCMCIA battery voltage detection 2	
72	INPACK_	I	N/A	PCMCIA input port acknowledge	
70	WAIT_	I	N/A	PCMCIA wait	
40	IORD_	O	4~16mA	PCMCIA IO read strobe	
42	IOWR_	O	4~16mA	PCMCIA IO write strobe	
74	REG_	O	4~16mA	PCMCIA register selection	
79	OE_	O	4~16mA	PCMCIA output enable	
53	WE_	O	4~16mA	PCMCIA write enable	
55	READY	I	N/A	PCMCIA ready	
89	WP	I	N/A	PCMCIA write protect	
Power & Ground					
5	VCC33	I	N/A	I/O power 3.3V	
33	VCC33	I	N/A	I/O power 3.3V	
52	VCC33	I	N/A	I/O power 3.3V	
68	VCC33	I	N/A	I/O power 3.3V	
97	VCC33	I	N/A	I/O power 3.3V	
121	VCC33	I	N/A	I/O power 3.3V	
10	GND33	I	N/A	Ground	
43	GND33	I	N/A	Ground	
60	GND33	I	N/A	Ground	
76	GND33	I	N/A	Ground	
104	GND33	I	N/A	Ground	
126	GND33	I	N/A	Ground	
15	VCC18	I	N/A	Core power 1.8V	
82	VCC18	I	N/A	Core power 1.8V	
22	GND18	I	N/A	Ground	
90	GND18	I	N/A	Ground	
108	AVDD33_XTAL	I	N/A	Analog crystal power 3.3V	
111	AVSS33_XTAL	I	N/A	Analog crystal ground	
112	AVDD18_PLL	I	N/A	Analog PLL power 1.8V	
113	AVSS18_PLL	I	N/A	Analog PLL ground	

2.11. U390 (MX25L3205DMI-12G SOP-16)

2.11.1 Block Diagram

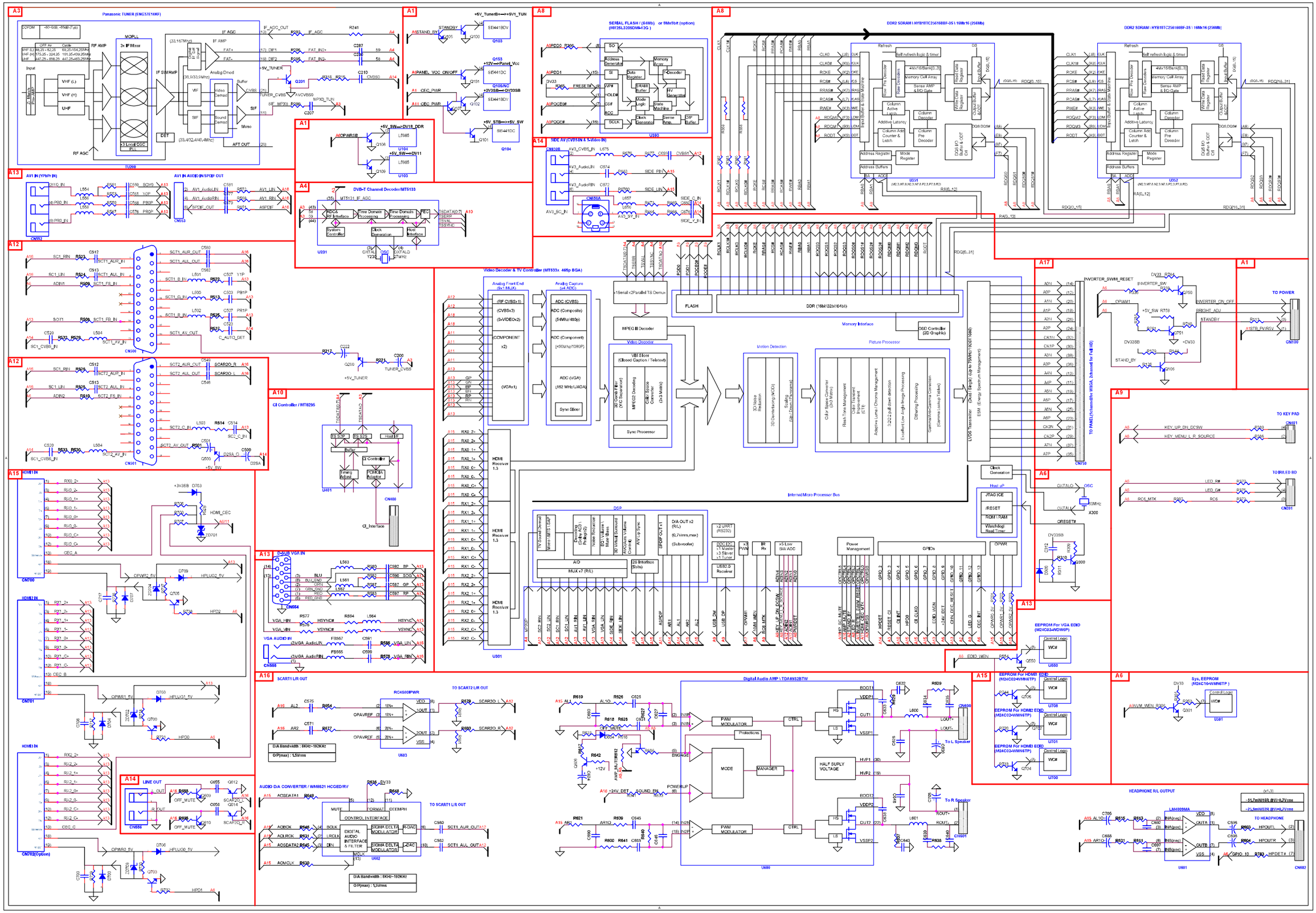


2.11.2 Pin Connections and short description

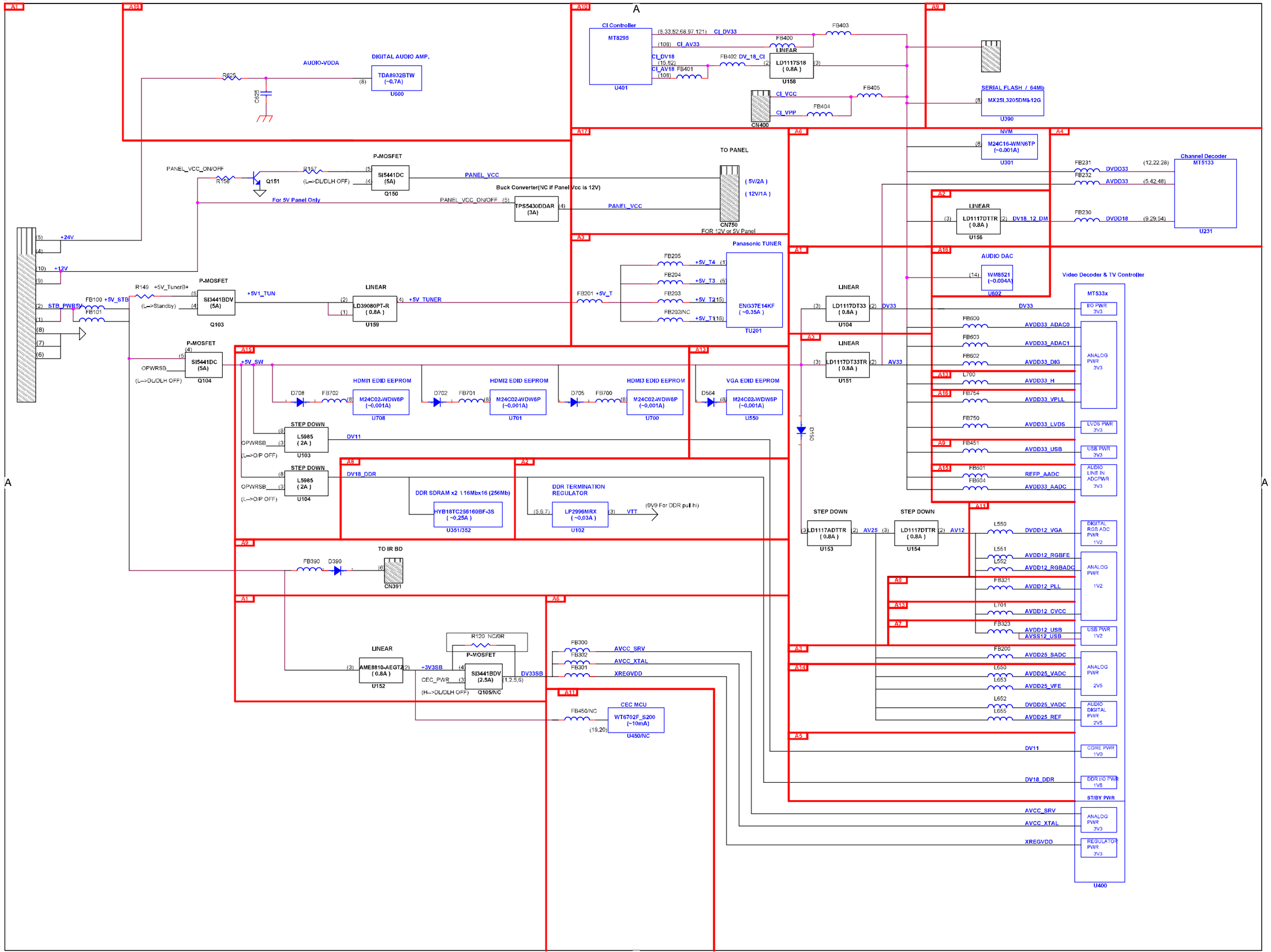


CHAPTER 6. BLOCK DIAGRAM/WIRING DIAGRAM

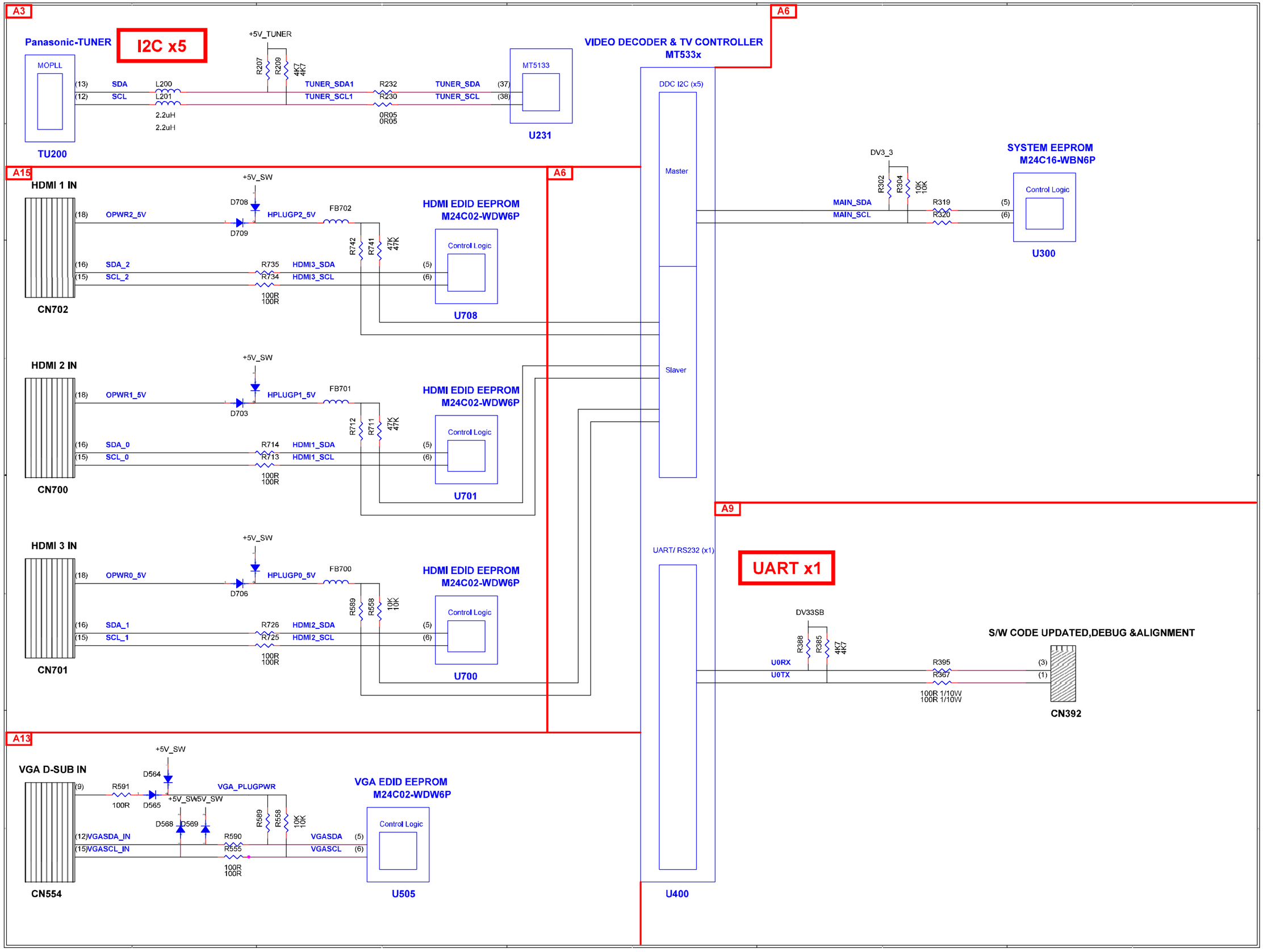
[1] VIDEO & AUDIO BLOCK DIAGRAM



[2] POWER MANAGEMENT BLOCK DIAGRAM

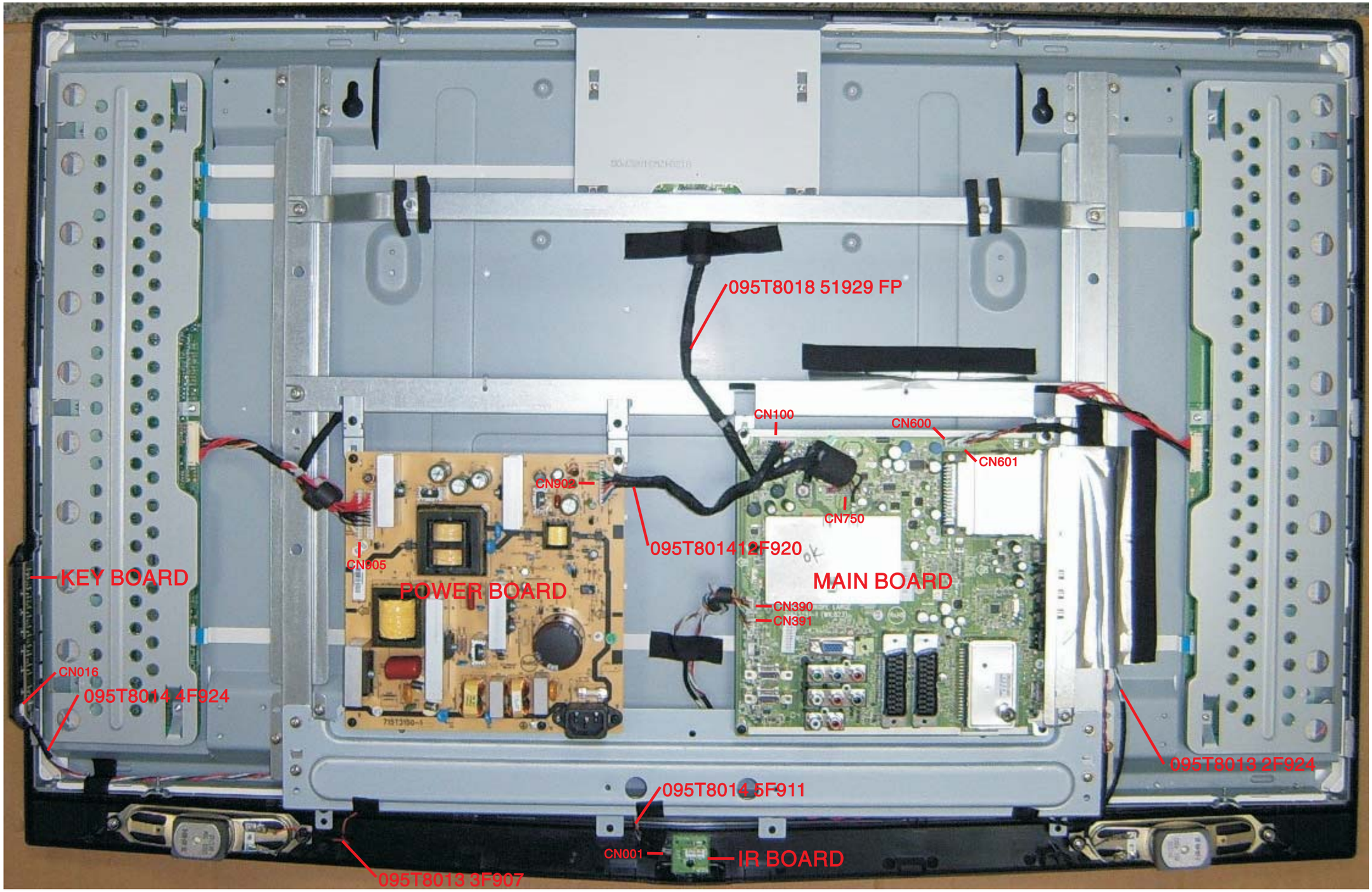


[3] I2C and RS232 BLOCK DIAGRAM

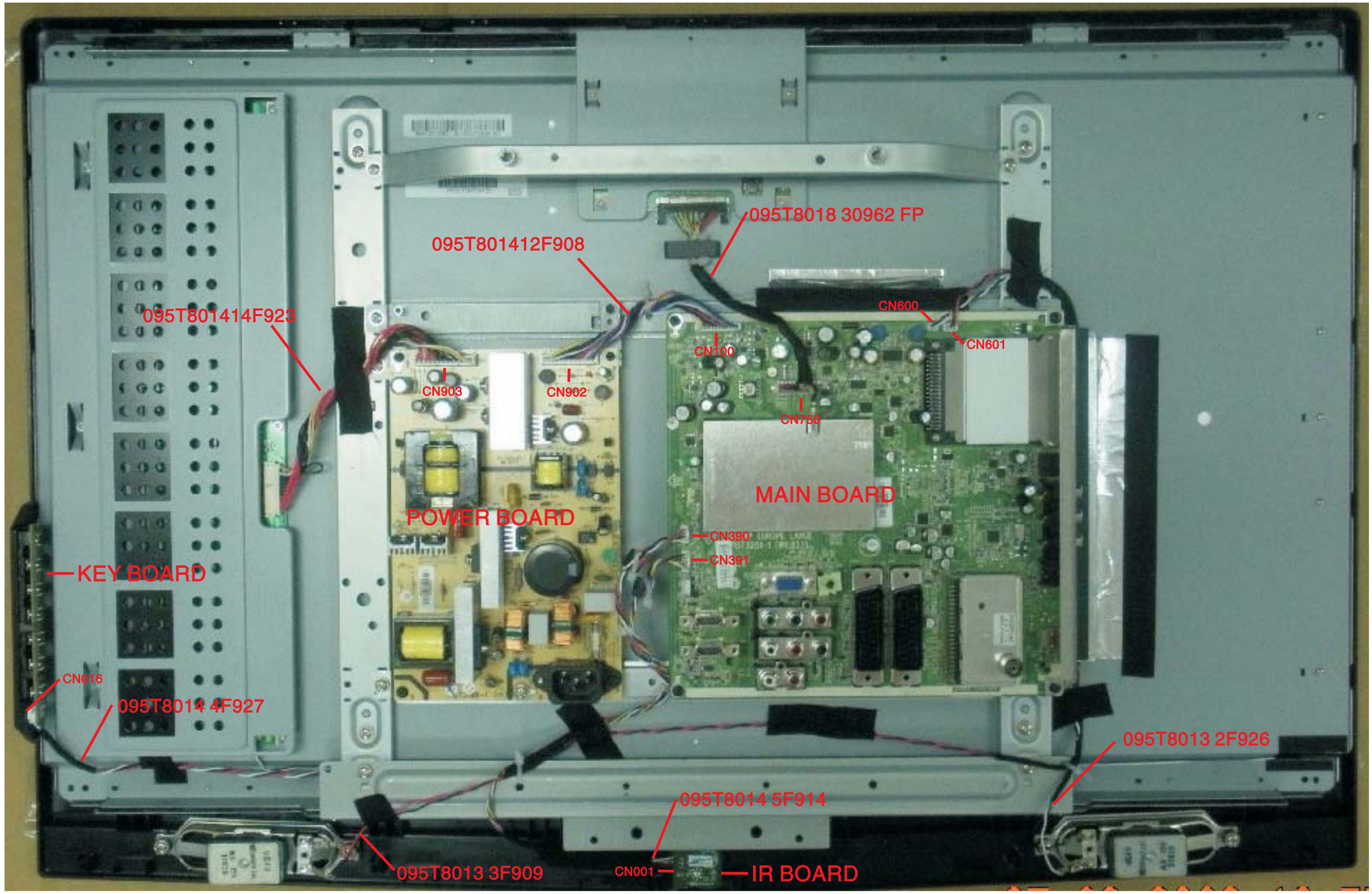


[4] WIRING DIAGRAM

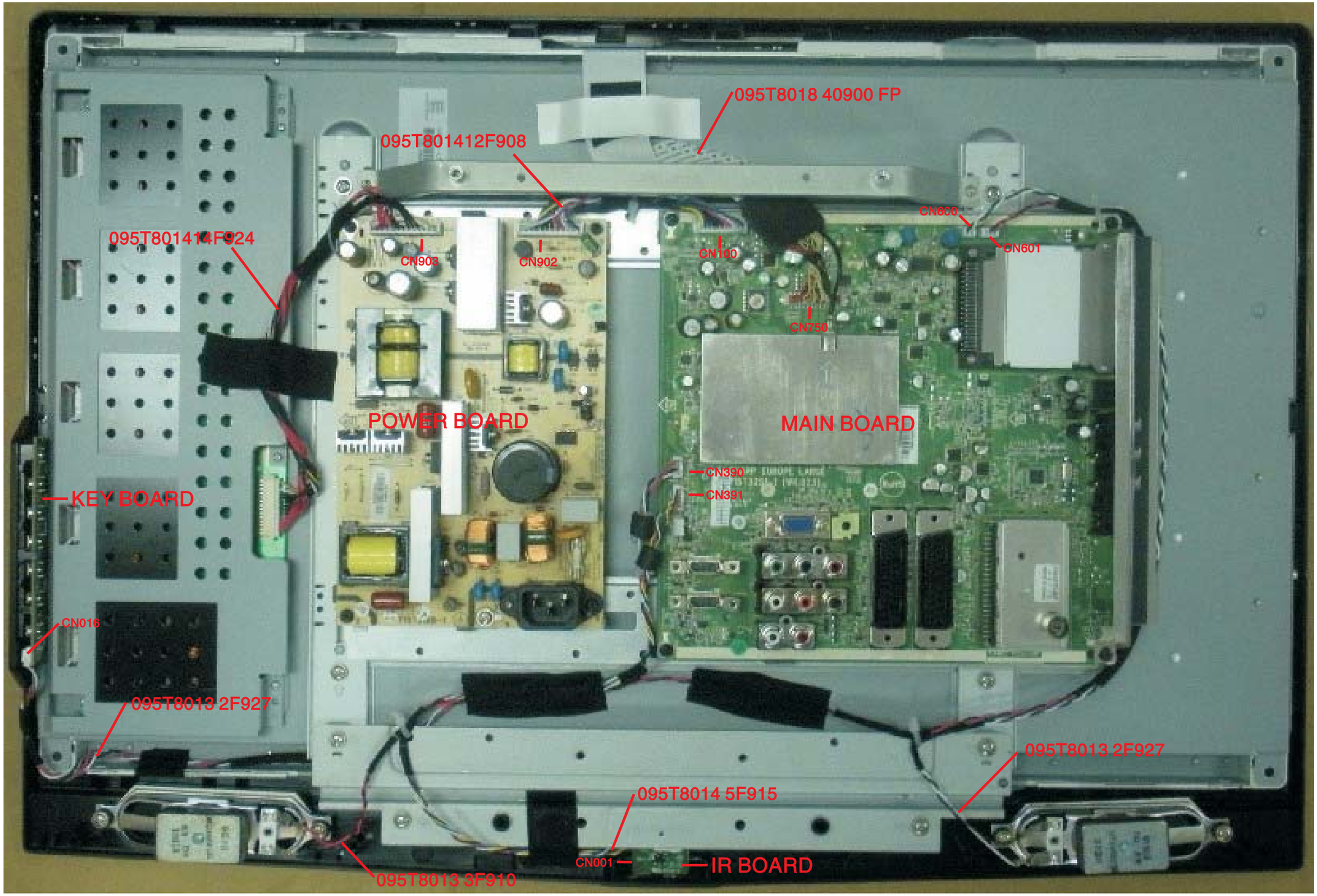
LC-42SB55



WIRING DIAGRAM(LC-32SB25)

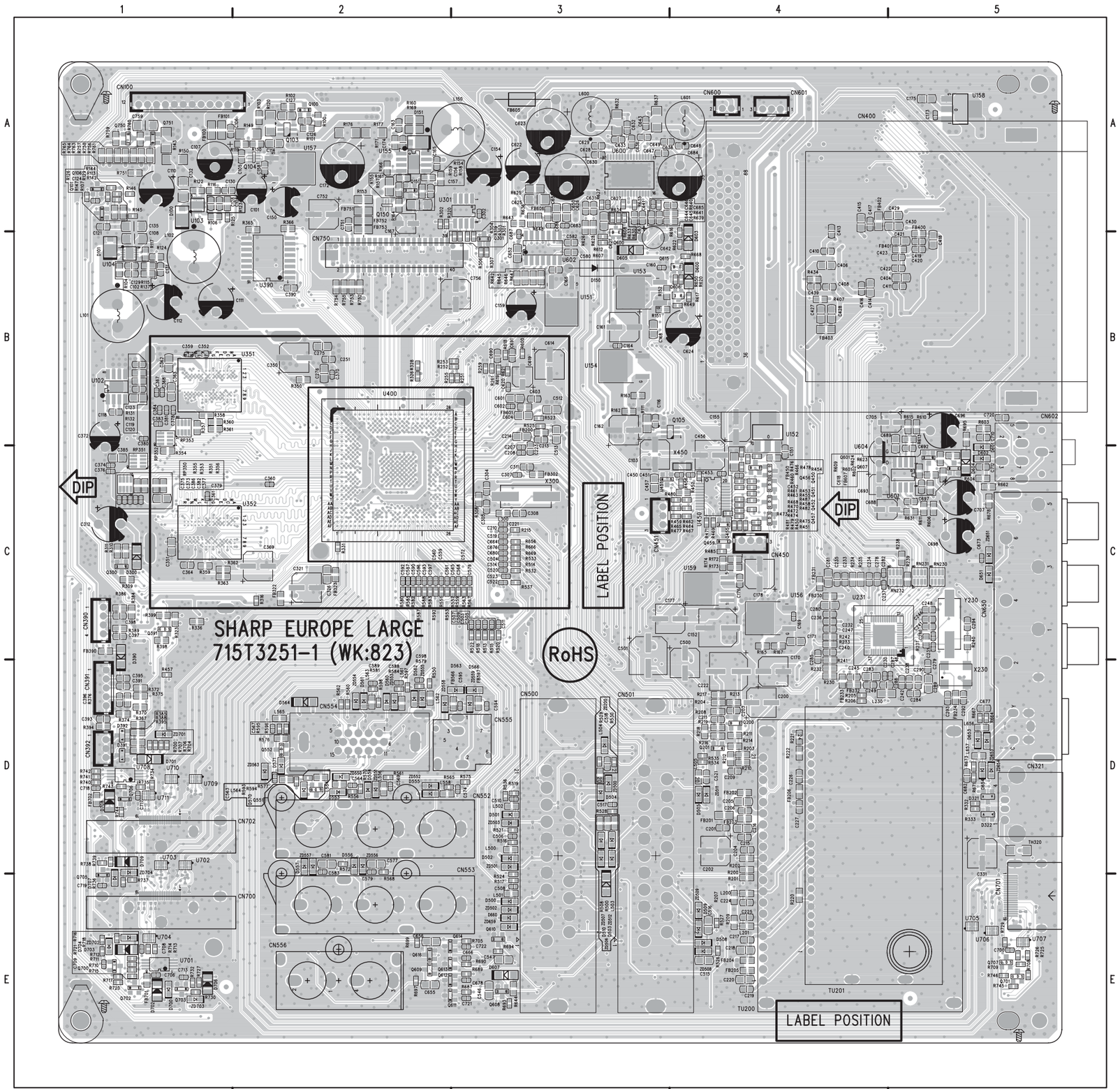


WIRING DIAGRAM(LC-26SB25)



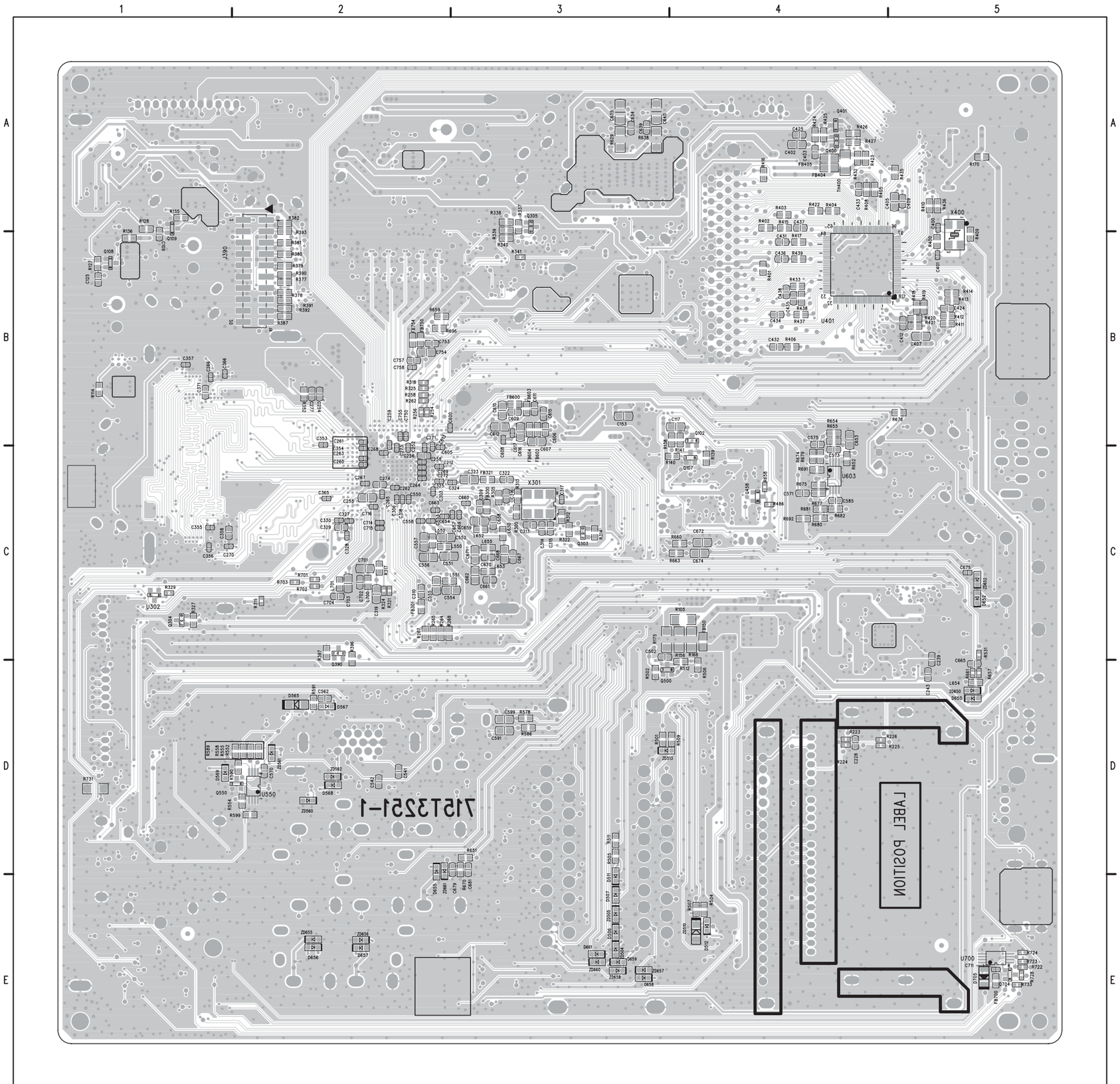
CHAPTER 7. PRINTED WIRING BOARD
[1] MAIN UNIT PRINTED WIRING BOARD

MAIN Unit (Side-A)



C101	A2	C245	C5	C456	B4	C664	C3	D570	D2	Q450	B4	R208	D4	R460	B4	R610	B5	R752	A2
C102	A1	C246	C5	C457	B4	C666	E3	D571	D2	Q451	B4	R209	E4	R461	B4	R611	C5	R753	A2
C103	B4	C247	C5	C500	C4	C673	C5	D600	A4	Q452	C4	R210	D4	R462	C4	R612	A3	R754	A2
C104	A2	C248	C5	C501	C4	C676	C3	D601	B5	Q455	C4	R211	D4	R463	B4	R613	B5	R755	A2
C105	A2	C249	C5	C503	C3	C677	D5	D602	B5	Q456	B4	R212	D4	R464	C4	R615	B5	R756	A1
C106	A2	C251	B2	C504	C3	C678	E3	D603	A4	Q457	C4	R213	D4	R465	C4	R616	A4	R757	A1
C107	A2	C275	B2	C505	C3	C680	C3	D604	B5	Q459	C4	R214	D4	R466	B4	R617	A4	R758	A1
C108	A1	C276	B2	C506	D3	C682	D5	D605	A4	Q551	D2	R215	C3	R467	C4	R618	B3	R759	A1
C110	A1	C278	C5	C507	C3	C683	A3	D607	E3	Q552	D2	R216	D4	R468	C4	R619	B3	R760	A1
C111	A2	C279	C5	C508	D3	C684	A4	D651	C5	Q600	A3	R217	C4	R469	C4	R620	A4	R761	A1
C112	A1	C280	C5	C509	C3	C685	A4	D653	D5	Q601	B5	R218	D4	R470	C4	R621	B3	R763	A1
C114	A2	C281	C5	C510	D3	C686	A3	D654	D5	Q606	A4	R219	D4	R471	C4	R622	A4	R764	A1
C116	B4	C282	C5	C511	C3	C687	A3	D660	E3	Q607	B5	R220	E4	R472	C4	R623	B5	R765	A1
C118	B1	C283	C5	C512	B3	C688	C5	D700	E1	Q608	E3	R221	D4	R473	C4	R624	B5	RN230	C5
C119	B1	C284	C5	C513	B3	C689	B5	D701	D1	Q609	E3	R222	D4	R474	C4	R625	A3	RN231	C5
C120	B1	C285	C5	C514	C3	C690	B3	D702	E1	Q610	E3	R230	C5	R475	C4	R626	A3	RN232	C5
C121	A1	C286	C5	C515	E4	C691	B3	D703	E1	Q611	E3	R231	C5	R476	B4	R627	A3	RP350	B1
C123	B1	C287	C5	C516	E4	C692	B5	D704	E1	Q612	E3	R232	C5	R477	C4	R628	A3	RP351	B1
C124	A1	C288	C5	C517	D3	C693	B5	D706	E1	Q613	E3	R233	C5	R478	B4	R630	A4	RP352	B1
C126	A2	C289	C5	C518	D3	C696	B5	D707	D1	Q614	E3	R234	C5	R479	C4	R631	C5	RP353	B1
C127	A2	C290	C5	C519	C3	C697	C5	D708	D1	Q615	A4	R235	C5	R480	B4	R632	A4	TH320	D5
C128	A1	C292	D5	C520	C3	C698	C5	D709	D1	Q616	E3	R238	C5	R481	C4	R633	A4	TU200	E4
C129	A1	C293	D5	C521	D4	C700	E5	FB100	A1	Q700	E1	R239	C5	R482	C4	R634	A4	TU201	E5
C130	A2	C294	C5	C522	C3	C705	B5	FB101	A2	Q701	E5	R240	C5	R485	C4	R635	A4	U102	B1
C131	A1	C302	A3	C523	C3	C706	E1	FB200	B3	Q702	E1	R241	C5	R487	B4	R636	A3	U103	A1
C132	A1	C304	B3	C546	E3	C707	B5	FB201	D4	Q703	E1	R242	C5	R500	D3	R637	A4	U104	A1
C135	A1	C305	C3	C547	E3	C708	E1	FB202	D4	Q705	D1	R251	B3	R508	D3	R639	A4	U151	A3
C150	A2	C307	B3	C559	C3	C709	E1	FB203	D4	Q706	D1	R252	B3	R513	C3	R640	A4	U152	B4
C151	B4	C308	C3	C560	C3	C710	B5	FB204	E4	Q707	E5	R253	B3	R514	C3	R641	A4	U153	A4
C152	C4	C311	B3	C561	C3	C712	B5	FB205	E4	Q750	A1	R255	B3	R515	C3	R642	A3	U154	B4
C154	A3	C312	C1	C563	D2	C713	E1	FB206	D4	Q751	A1	R259	B3	R516	D3	R643	A3	U155	A2
C155	B4	C321	C2	C564	D2	C717	D1	FB230	C5	R100	A2	R261	B3	R517	D3	R644	E3	U156	C4
C156	A3	C326	C2	C565	C3	C718	D1	FB231	C5	R101	A2	R301	A3	R518	C3	R645	A3	U157	A2
C157	A3	C331	D5	C567	D2	C719	D1	FB232	C5	R102	A2	R302	A3	R519	D3	R646	A3	U158	A5
C158	A2	C350	B2	C568	C3	C720	B5	FB233	C5	R103	A2	R303	A3	R520	C3	R647	A3	U159	C4
C159	B3	C351	C1	C569	D2	C721	E3	FB234	D5	R104	A1	R304	A3	R521	D3	R648	A3	U231	C5
C160	A4	C352	B1	C572	C3	C722	E3	FB302	B3	R106	A2	R306	A3	R522	C3	R649	B4	U301	A3
C161	B4	C359	B1	C574	D3	C751	A2	FB322	C2	R107	A1	R307	A3	R523	B3	R650	A4	U351	B1
C162	B4	C360	B2	C576	C3	C752	A2	FB323	C2	R111	B4	R308	C3	R524	D3	R656	C3	U352	C1
C163	A2	C361	B1	C577	D2	C756	A3	FB390	C1	R113	A1	R309	C1	R525	B3	R662	B5	U390	A2
C164	B4	C362	B1	C579	D2	C759	A1	FB400	A5	R115	A1	R310	C1	R526	E4	R664	D5	U400	B2
C165	A3	C363	B1	C580	A3	CN100	A1	FB401	A5	R116	A1	R311	C1	R527	E4	R666	C3	U450	B4
C166	A3	C364	C1	C581	D2	CN321	D5	FB402	A5	R117	A1	R316	C2	R528	D3	R667	D5	U451	B4
C167	A2	C367	B1	C582	A3	CN390	C1	FB403	B5	R119	A2	R319	A3	R529	D3	R668	A4	U600	A4
C168	B4	C368	B1	C583	D2	CN391	C1	FB450	B4	R120	A2	R320	A3	R530	D3	R669	C3	U601	B5
C169	C4	C369	C2	C587	C2	CN392	D1	FB566	D3	R122	A1	R323	C1	R532	C3	R671	D5	U602	A3
C170	C4	C370	B2	C588	C2	CN400	A4	FB567	D3	R123	A2	R326	B3	R533	C3	R673	D5	U604	B5
C171	C4	C372	B1	C589	C2	CN450	C4	FB601	B3	R124	A1	R328	B3	R534	D4	R678	C5	U701	E1
C172	A2	C373	C1	C590	C2	CN451	C4	FB605	A3	R125	A2	R331	C2	R535	D4	R687	E3	U702	D1
C173	A5	C374	B1	C592	C2	CN500	D3	FB606	A3	R126	A1	R332	D5	R536	D3	R689	E3	U703	D1
C174	A2	C375	C1	C593	C3	CN501	D4	FB607	B5	R129	A1	R333	D5	R537	C3	R690	E3	U704	E1
C175	A5	C376	B1	C594	D3	CN552	D2	FB701	E1	R130	A2	R336	C1	R550	C3	R693	E3	U705	E5
C176	C4	C377	C1	C595	D3	CN553	E2	FB702	D1	R131	B1	R350	B2	R551	C3	R694	E3	U706	E5
C177	C4	C378	B1	C596	C3	CN554	D2	FB751	A2	R132	B1	R351	B1	R553	C3	R695	B5	U707	E5
C178	C4	C379	B1	C597	C3	CN555	D3	FB752	A2	R137	A1	R353	B1	R556	D2	R697	E3	U708	D1
C200	D4	C380	B1	C598	C3	CN556	E2	FB753	A2	R142	A1	R354	B1	R557	C3	R699	E3	U709	D1
C201	D4	C381	B1	C601	B3	CN600	A4	L101	B1	R143	A1	R355	B1	R559	C3	R700	D1	U710	D1
C202	D4	C382	C1	C602	B3	CN601	A4	L102	A1	R144	A1	R356	B1	R560	D2	R704	D1	U711	D1
C203	D4	C383	B1	C603	B3	CN602	B5	L150	A3	R145	A1	R357	B1	R561	D2	R705	E3	X230	C5
C204	D4	C384	B1	C604	B3	CN650	C5	L200	E4	R146	A1	R358	B1	R562	D2	R706	D1	X300	B3
C205	D4	C385	B1	C614	B3	CN700	E1	L201	E4	R147	A1	R359	C1	R563	C3	R707	D1	X450	B4
C206	D4	C386	C1	C618	B5	CN701	E5	L230	C5	R149	A2	R360	B2	R565	D3	R708	E5	Y230	C5
C207	B3	C390	A2	C619	B3	CN702	D1	L300	C3	R150	A1	R361	B2	R567	C3	R709	E5	ZD200	D3
C208	B3	C391	C1	C620	B3	CN750	A2	L500	D3	R151	B4	R362	C2	R568	D2	R710	E1	ZD500	D3
C209	D4	C393	D1	C621	A3	D100	A1	L501	E3	R152	A4	R363	C2	R570	D2	R711	E1	ZD501	D3
C210	C3	C395	C1	C622	A3	D101	A1	L502	D3	R153	A2	R365	A2	R572	D2	R712	E1	ZD502	E3
C211	D4	C396	D1	C623	A3	D150	A3	L503	D3	R154	A3	R366	A2	R575	D3	R713	E1	ZD503	D3
C213	B3	C397	C1	C624	B4	D151	A3	L504	D3	R155	A2	R367	D1	R576	D2	R714	E1	ZD506	D3
C214	B3	C398	C1	C625	A3	D300	C1	L505	D4	R157	A2	R370	D1	R577	D2	R715	E1	ZD507	D3
C215	D4	C404	A5	C626	A3	D321	D5	L554	D2	R158	A3	R372	C1	R579	C3	R716	E1	ZD508	E4
C216	D4	C406	A5	C627	A3	D322	D5	L556	D2	R159	A3	R374	D1	R580	C2	R717	E1	ZD509	E4
C217	E4	C408	A5	C628	A3	D390	C1	L558	D3	R160	A2	R375	D1	R581	C2	R718	E1	ZD511	D4
C218	E4	C410	A5	C629	A3	D391	D1	L561	D2	R161	A2	R376	D1	R582	C2	R720	E1	ZD512	D3
C219	E4	C411	A5	C630	A3	D392	D1	L562	D3	R162	B4	R384	C1	R583	C3	R721	E1	ZD550	D2
C220	E4	C413	A5	C631	A3	D500	E3	L563	D2	R163	B4	R385	D1	R584	C2	R725	E5	ZD551	D2
C221	C3	C414	A5	C632	A4	D501	D3	L564	D2	R164	A2	R386	C1	R585	C2	R726	E5	ZD552	D3
C222	C4	C415	A5	C633	A4	D502	D3	L565	D2	R165	C4	R388	D1	R587	C3	R727	E1	ZD553	D2
C223	B3	C416	A5	C636	A4	D503	D3	L600	A3	R166	A2	R389	C1	R588	C3	R729	E5	ZD554	D2
C224	E4	C417	A5	C637	A4	D504	D3	L601	A4	R167	C4	R394	D1	R592	C3	R730	E1	ZD555	D3
C225	E4	C418	A5	C638	A4	D505	D4	L656	D5	R169	A2	R395	D1	R593	D2	R732	E1	ZD556	D2
C226	D4	C419	A5	C641	A4	D508	E4	L657	D5	R171	A2	R398	C1	R594	D2	R734	D1	ZD557	D2
C227	D4	C420	A5	C642	A4	D509	E4	Q100	A2	R172	C4	R399	C1	R595	D2	R735	D1	ZD558	D3
C230	C5	C421	A5	C643	A4	D510	D3	Q101	A1	R173	C4	R407	A5	R596	D2	R736	D1	ZD559	D3
C231	C5	C422	A5	C644	A4	D553	D2	Q103	A2	R174	C4	R434	A4	R597	C2	R737	D1	ZD563	D2
C232	C5	C423	A5	C645	A4	D554	D2	Q104	A2	R176	A2	R450	C4	R598	D2	R738	D1	ZD651	C5
C233	C5	C427	B5	C646	A4	D555	D3	Q105	B4	R177	A2	R451	C4	R600	B3	R739	D1	ZD653	D5
C234	C5	C428	B5	C647	A4	D556	D2	Q106	A1	R200	D4	R452	B4	R601	B5	R740	D1	ZD654	D5
C235	C5	C429	A5	C648	A4	D557	D2	Q150	A2	R201	D4	R453	B4	R602	B5	R741	D1	ZD659	E3
C236	C5	C430	A5	C649	A4	D560	D2	Q151	A2	R202	D4	R454	B4	R603	B5	R742	D1	ZD701	D1
C237	C5	C439	A4	C650	A3	D561	D2	Q200	D4	R203	D4	R455	B4	R604	B5	R743	D1	ZD702	E1
C238	C5	C450	B4	C651	A3	D562	D2	Q201	D4	R204	D4	R456	B4	R606	C5	R744	D1	ZD703	E1
C240	C5	C451	B4	C652	A3	D563	C3	Q300	C1	R205	D5	R457	C1	R607	A3	R745	E5	ZD704	D1
C241	C5	C452	B4	C655	E3	D564	D2	Q301	A3	R206	D5	R458	C4	R608	A3	R746	E5		
C242	C5	C453	B4	C656	E3	D566	C3	Q391	C1	R207	E4	R459	C4	R609	B5	R751	A1		

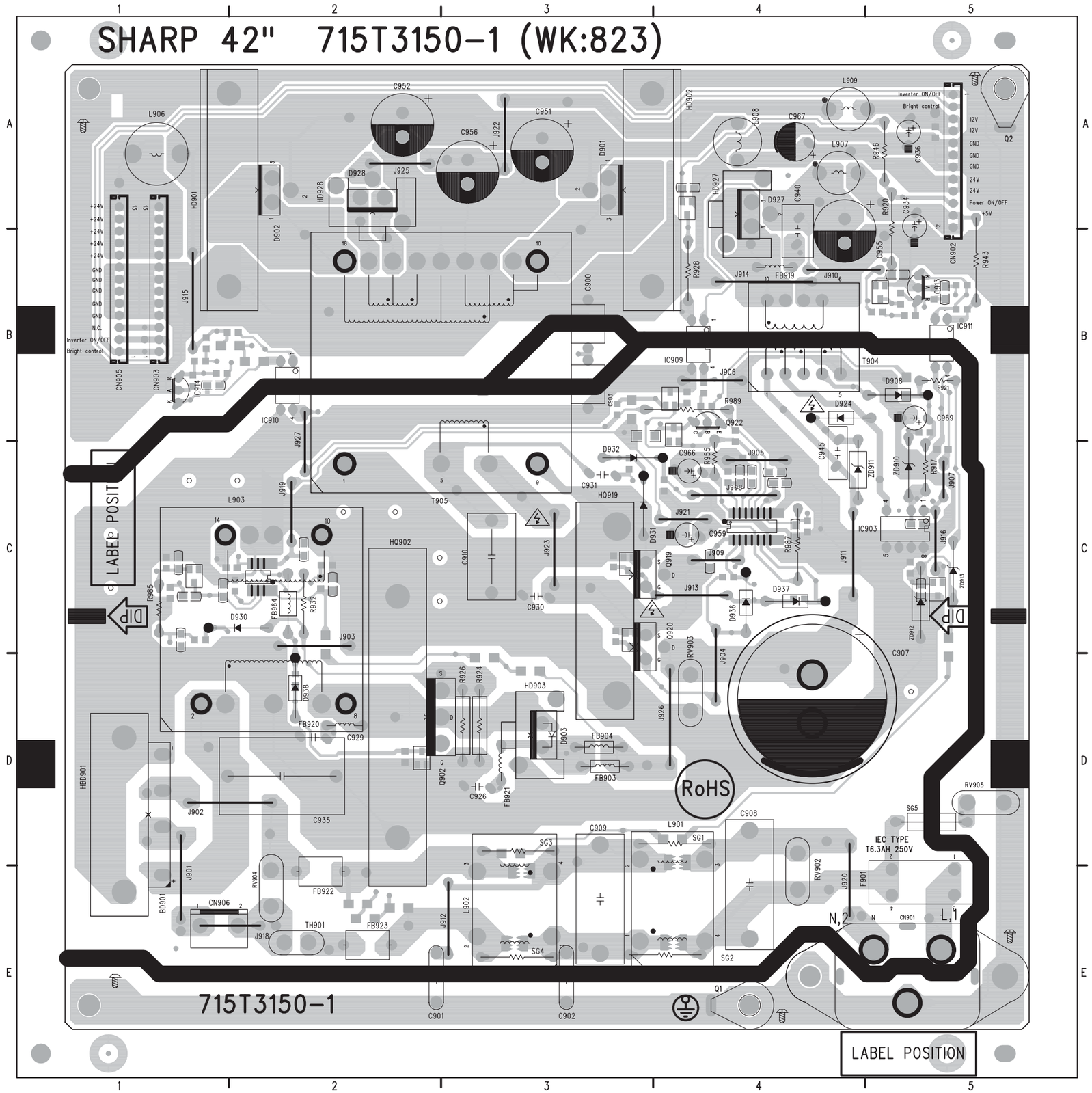
MAIN Unit (Side-B)



C109 A1 C668 C3 R377 A2
C117 B4 C669 C3 R378 A2
C125 A1 C670 C3 R379 A2
C153 B4 C671 C3 R380 A2
C212 B3 C672 C4 R381 A2
C228 D5 C674 C4 R382 A2
C239 C5 C675 C5 R387 B2
C243 C5 C679 D3 R390 A2
C252 B2 C681 D3 R391 A2
C254 B2 C701 C2 R392 B2
C255 B2 C702 C2 R393 A2
C256 B3 C703 C2 R396 C2
C258 B3 C704 C2 R397 C2
C259 B2 C711 E5 R400 A5
C260 B2 C714 C2 R401 A4
C261 B2 C715 C2 R402 A4
C262 B2 C716 C2 R403 A4
C263 B2 C750 B2 R404 A5
C264 B3 C753 B3 R405 A5
C265 B2 C754 B3 R406 B4
C266 B1 C755 B2 R408 A5
C267 B2 C757 B2 R409 A5
C268 B2 C758 B2 R410 A5
C269 B3 D506 E3 R411 B5
C270 C2 D507 E3 R412 B5
C271 B3 D511 D3 R413 A5
C272 B3 D512 E4 R414 A5
C273 B2 D565 D2 R415 A4
C274 B2 D567 D2 R416 A4
C277 B2 D568 D2 R417 A4
C303 B3 D569 D2 R418 B5
C306 C2 D650 D5 R419 B5
C309 C3 D652 C5 R420 B5
C310 C3 D655 D3 R421 B5
C313 C3 D656 E2 R422 A4
C314 C3 D657 E2 R423 A5
C315 C3 D658 E4 R424 A4
C316 B3 D659 E4 R425 A5
C317 C3 D661 E3 R426 A5
C318 C2 D705 E5 R427 A5
C319 C2 FB150 C4 R432 A5
C322 B3 FB300 C3 R433 A4
C323 B3 FB301 C3 R435 A5
C324 B3 FB321 B3 R436 A5
C325 B3 FB404 A5 R437 B4
C327 C2 FB405 A5 R438 A4
C328 C2 FB600 B3 R439 A4
C329 C2 FB602 B3 R486 C4
C330 C2 FB603 B3 R501 D4
C353 B2 FB604 B3 R502 C4
C354 B2 FB700 E5 R504 E4
C355 C1 FB750 B3 R505 D3
C356 C1 FB754 B2 R506 C4
C357 B1 J390 A2 R507 E4
C358 C2 L550 C3 R509 D4
C365 B2 L551 C3 R511 D3
C366 B2 L552 C3 R512 C4
C371 B1 L650 C3 R531 C5
C400 A5 L652 C3 R552 D2
C401 A5 L653 C3 R554 D2
C402 A4 L654 C5 R555 D2
C403 A4 L655 C3 R558 D2
C405 A5 L700 C2 R578 D3
C407 B5 L701 C2 R586 D3
C409 A5 Q102 B4 R589 D2
C412 B5 Q107 B4 R590 D2
C424 B5 Q108 A1 R591 D2
C425 A4 Q109 A1 R599 D2
C431 A4 Q303 C3 R629 A4
C432 B4 Q304 C1 R638 A4
C433 A5 Q305 A3 R651 D3
C434 B4 Q390 C2 R652 B5
C435 A4 Q400 A5 R654 B5
C436 A4 Q401 A5 R655 B5
C437 A4 Q458 B4 R657 C5
C438 A4 Q500 C4 R658 B4
C502 C4 Q550 D2 R659 B3
C541 D2 Q704 E5 R660 C4
C542 D2 R105 C4 R661 C5
C550 C2 R114 B1 R663 C4
C551 C3 R127 A1 R670 D3
C552 C3 R128 A1 R674 B4
C553 C3 R135 A1 R675 B5
C554 C3 R136 A1 R676 B5
C555 C3 R138 B4 R677 B5
C556 C3 R139 B4 R679 B5
C557 C3 R140 B4 R680 C5
C558 C3 R141 B4 R681 C5
C562 D2 R156 C4 R682 C5
C570 D2 R168 C4 R691 B5
C571 B4 R170 A5 R692 C4
C573 B5 R175 C4 R696 B3
C575 B5 R223 D5 R701 C2
C585 C5 R224 D5 R702 C2
C591 D3 R225 D5 R703 C2
C599 D3 R226 D5 R722 E5
C600 B3 R254 B3 R723 E5
C605 B3 R256 B3 R724 E5
C606 B3 R258 B3 R728 E5
C607 B3 R262 B3 R731 D1
C608 B3 R264 C3 R733 E5
C609 B3 R265 C3 TH400 A5
C610 B3 R267 C3 U302 C1
C611 B3 R268 C3 U401 A5
C612 B3 R300 C3 U550 D2
C613 B3 R305 B3 U603 B5
C615 B3 R312 C3 U700 E5
C616 B3 R313 B3 X301 C3
C617 B3 R314 C3 X400 A5
C634 A4 R315 C2 ZD504 E3
C635 A4 R317 C2 ZD505 E3
C639 A4 R318 B3 ZD510 E4
C640 A4 R321 C2 ZD513 D4
C653 B5 R322 C3 ZD560 D2
C654 C3 R324 C2 ZD561 D2
C657 C3 R325 B3 ZD562 D2
C658 C3 R327 C1 ZD650 C5
C659 C3 R329 C1 ZD652 C5
C660 C3 R337 A3 ZD655 E2
C661 C3 R338 A3 ZD656 E2
C662 C3 R339 A3 ZD657 E4
C663 C3 R340 A3 ZD658 E4
C665 C5 R341 A3 ZD660 E3
C667 C3 R352 B2 ZD661 D3

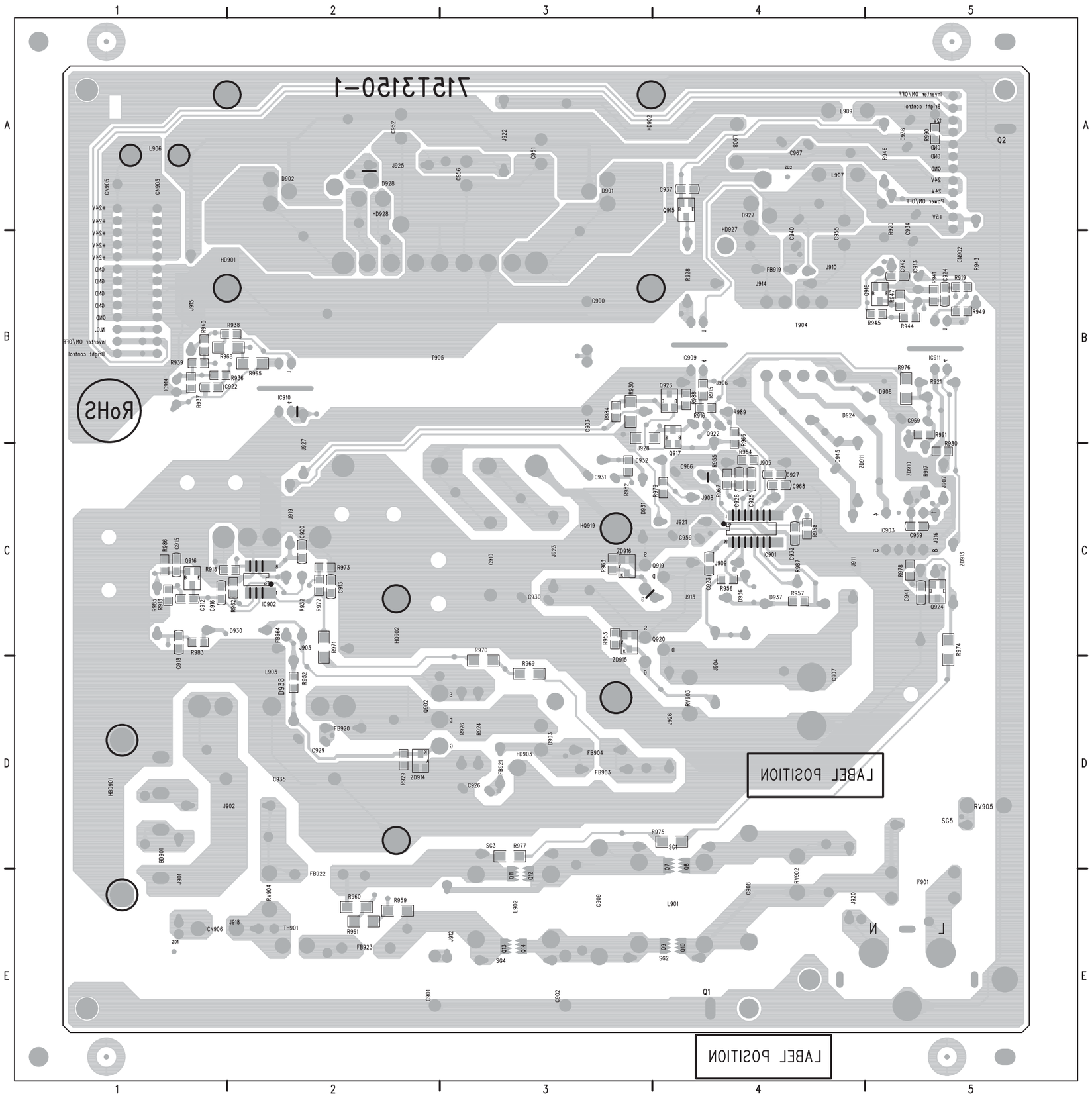
[2] POWER UNIT PRINTED WIRING BOARD

POWER Unit for 42" (Side-A)



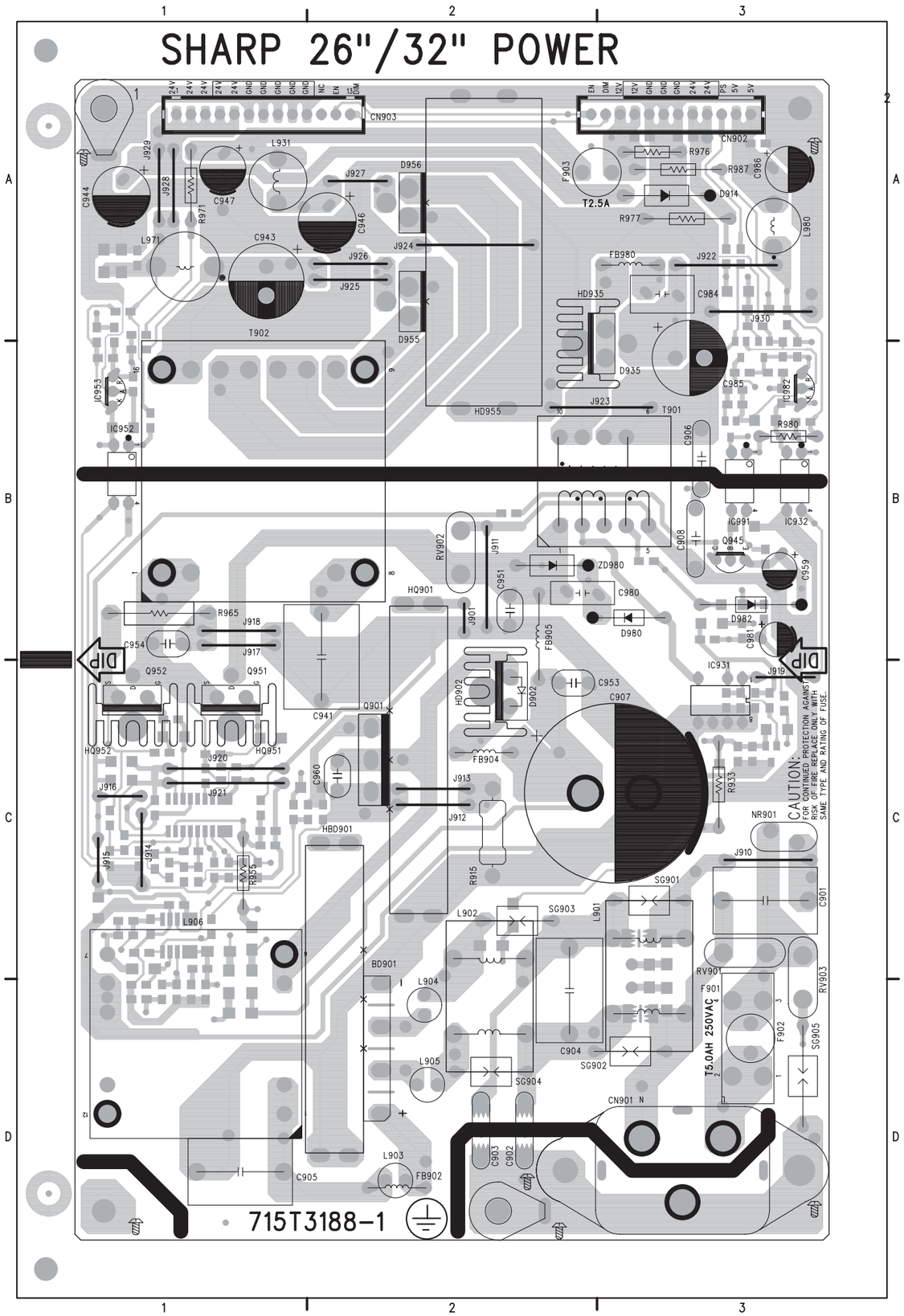
BD901 D1
C900 B3
C901 E3
C902 E3
C903 B3
C907 D5
C908 D4
C909 E4
C910 C3
C926 D3
C929 D2
C930 C3
C931 B4
C934 A5
C935 D2
C936 A5
C940 A5
C945 B5
C951 A3
C952 A3
C955 A5
C956 A3
C959 C4
C966 B4
C967 A5
C969 B5
CN901 E5
CN902 A5
CN903 A1
CN905 A1
CN906 E2
D901 A4
D902 A2
D903 D3
D908 B5
D924 B5
D927 A4
D928 A2
D930 C1
D931 B4
D932 B4
D936 C4
D937 C5
D938 C2
F901 D5
FB903 D4
FB904 D4
FB919 A4
FB920 D2
FB921 D3
FB922 D2
FB923 E2
FB964 C2
HBD901 D1
HD901 A2
HD902 A4
HD903 D3
HD927 A4
HD928 A2
HQ902 D3
HQ919 C4
IC903 C5
IC909 B4
IC910 B2
IC911 B5
IC913 A5
IC914 B1
J901 E1
J902 D1
J903 C2
J904 D4
J905 B4
J906 B4
J907 B5
J908 B4
J909 C4
J910 A5
J911 C5
J912 E3
J913 C4
J914 A4
J915 B1
J916 C5
J918 E1
J919 C2
J920 E5
J921 C4
J922 A3
J923 C3
J925 A2
J926 D4
J927 B2
L901 E4
L902 E3
L903 C2
L906 A1
L907 A5
L908 A4
L909 A5
Q902 D3
Q919 C4
Q920 C4
Q922 B4
R917 B5
R920 A5
R921 B5
R924 D3
R926 D3
R928 A4
R932 C2
R943 A5
R946 A5
R955 B4
R985 C1
R987 C5
R989 B4
RV902 D5
RV903 D4
RV904 E2
RV905 D5
SG1 D4
SG2 E4
SG3 D3
SG4 E3
T904 B5
T905 B3
TH901 E2
ZD910 B5
ZD911 B5
ZD912 C5
ZD913 C5

POWER UNIT for 42" (Side-B)



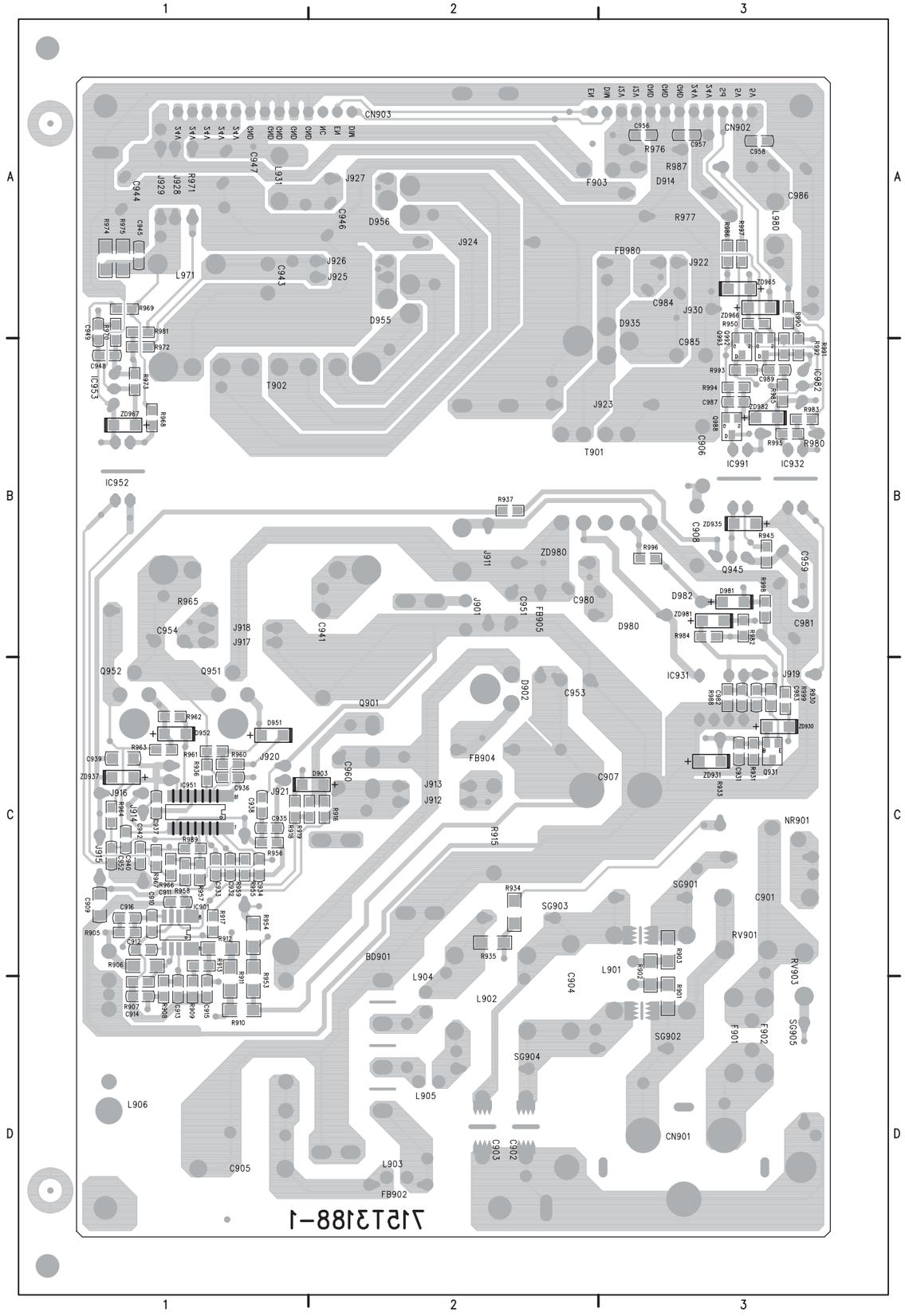
C912 C1
C913 C2
C915 C1
C916 C2
C918 C1
C920 C2
C922 B2
C923 C4
C924 A5
C925 B4
C927 B4
C928 B4
C932 C5
C937 A4
C939 C5
C941 C5
C942 A5
C968 B4
IC901 C4
IC902 C2
J928 B4
Q915 A4
Q916 C1
Q917 B4
Q918 A5
Q923 B4
Q924 C5
R913 C1
R915 B4
R916 B4
R918 C2
R919 A5
R929 D3
R930 B4
R936 B2
R937 B1
R938 B2
R939 B1
R940 B1
R941 A5
R944 B5
R945 B5
R947 A5
R949 B5
R952 C2
R953 C4
R954 B4
R956 C4
R957 C5
R958 C5
R959 E2
R960 E2
R961 E2
R962 C2
R963 C4
R965 B2
R966 B4
R967 B4
R968 B2
R969 C3
R970 C3
R971 C2
R972 C2
R973 C2
R974 C5
R975 D4
R976 B5
R977 D3
R978 C5
R979 B4
R980 B5
R982 B4
R983 C1
R984 B4
R986 C1
R988 B4
R990 A5
R991 B5
ZD914 D3
ZD915 C4
ZD916 C4

POWER Unit for 26" and 32" (Side-A)



BD901 D2
C901 C3
C902 D3
C903 D2
C904 C3
C905 D1
C906 B3
C907 C3
C908 B3
C941 B2
C943 A1
C944 A1
C946 A2
C947 A1
C951 B2
C953 B3
C954 B1
C959 B3
C960 C2
C980 B3
C981 B3
C984 A3
C985 A3
C986 A3
CN901 D3
CN902 A3
CN903 A1
D902 B2
D914 A3
D935 A3
D955 A2
D956 A2
D980 B3
D982 B3
F901 D3
F902 D3
F903 A3
FB902 D2
FB904 C2
FB905 B3
FB980 A3
HBD901 C2
HD902 B2
HD935 A3
HD955 A2
HQ901 C2
HQ951 B1
HQ952 B1
IC931 B3
IC932 B3
IC952 B1
IC953 A1
IC982 A3
IC991 B3
J901 B2
J910 C3
J911 B2
J912 C2
J913 C2
J914 C1
J915 C1
J916 C1
J917 B1
J918 B1
J919 B3
J920 C1
J921 C1
J922 A3
J923 A3
J924 A2
J925 A2
J926 A2
J927 A2
J928 A1
J929 A1
J930 A3
L901 C3
L902 C2
L903 D2
L904 C2
L905 D2
L906 D2
L931 A2
L971 A1
L980 A3
NR901 C3
Q901 C2
Q945 B3
Q951 B1
Q952 B1
R915 C2
R933 C3
R955 C1
R965 B1
R971 A1
R976 A3
R977 A3
R980 B3
R987 A3
RV901 C3
RV902 B2
RV903 C3
SG901 C3
SG902 D3
SG903 C2
SG904 D2
SG905 D3
T901 B3
T902 B1
ZD980 B3

POWER UNIT for 26" and 32" (Side-B)



C909 C1
C910 C1
C911 C1
C912 C1
C913 C1
C914 C1
C915 C1
C916 C1
C931 C3
C932 C1
C933 C1
C934 C1
C935 C1
C936 C1
C937 C1
C938 C1
C939 C1
C940 C1
C942 C1
C945 A1
C948 A1
C949 A1
C952 C1
C956 A3
C957 A3
C958 A3
C982 B3
C983 B3
C987 A3
C989 A3
D903 C2
D951 C2
D952 C1
D981 B3
IC901 C1
IC951 C1
Q931 C3
Q988 B3
Q992 A3
Q993 A3
R901 C3
R902 C3
R903 C3
R905 C1
R906 C1
R907 C1
R908 C1
R909 C1
R910 D1
R911 C1
R912 C1
R913 C1
R916 C2
R917 C1
R918 C2
R919 C2
R930 B3
R931 C3
R934 C2
R935 C2
R936 C1
R937 B2
R945 B3
R950 A3
R953 C1
R954 C1
R956 C1
R957 C1
R958 C1
R959 C1
R960 C1
R961 C1
R962 C1
R963 C1
R964 C1
R966 C1
R967 C1
R968 A1
R969 A1
R970 A1
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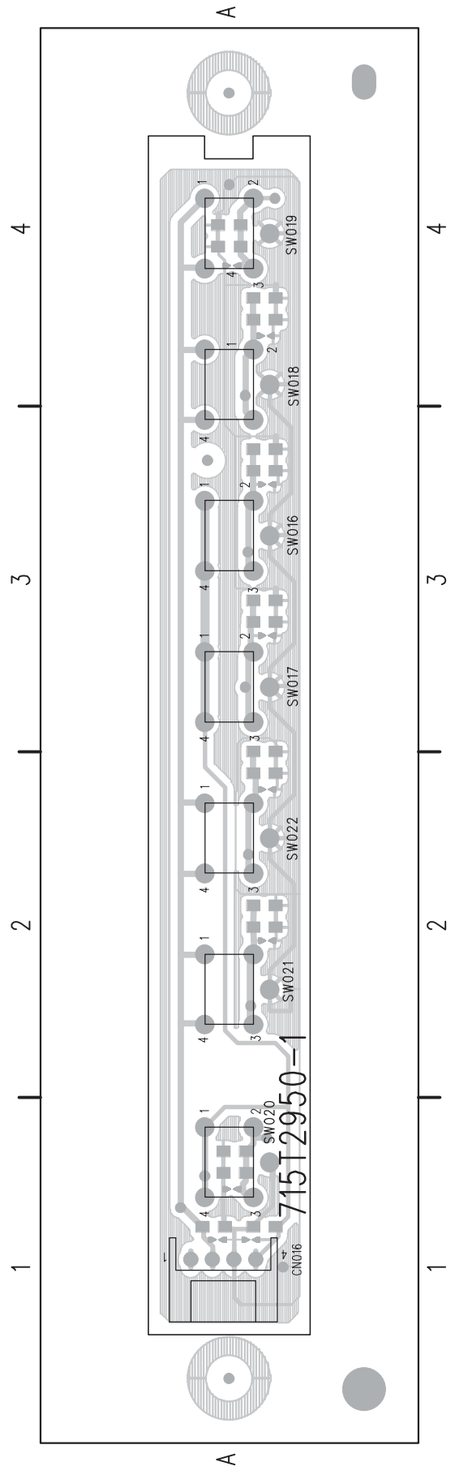
R974 A1
R975 A1
R981 A1
R982 B3
R983 A3
R984 B3
R985 A3
R986 A3
R988 B3
R989 C1
R990 A3
R991 A3
R992 A3
R993 A3
R994 A3
R995 B3
R996 B3
R997 A3
R998 B3
R999 B3

ZD930 C3
ZD931 C3
ZD935 B3
ZD937 C1
ZD965 A3
ZD966 A3
ZD967 A1
ZD981 B3
ZD982 A3

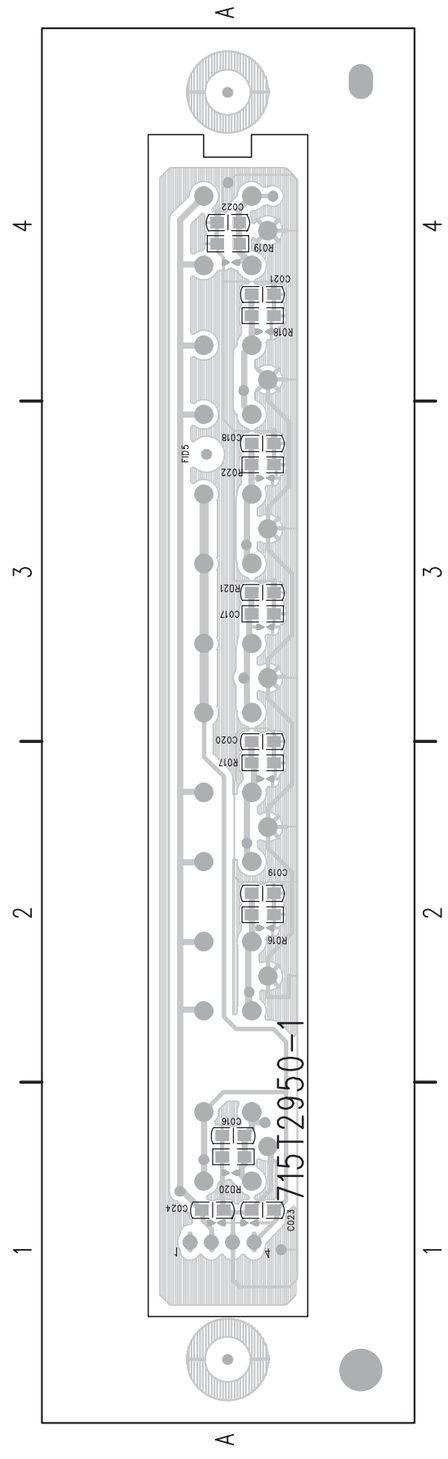
[3] KEY UNIT PRINTED WIRING BOARD

KEY Unit (Side-A)



CN016 A1
SW016 A3
SW017 A3
SW018 A4
SW019 A4
SW020 A1
SW021 A2
SW022 A2

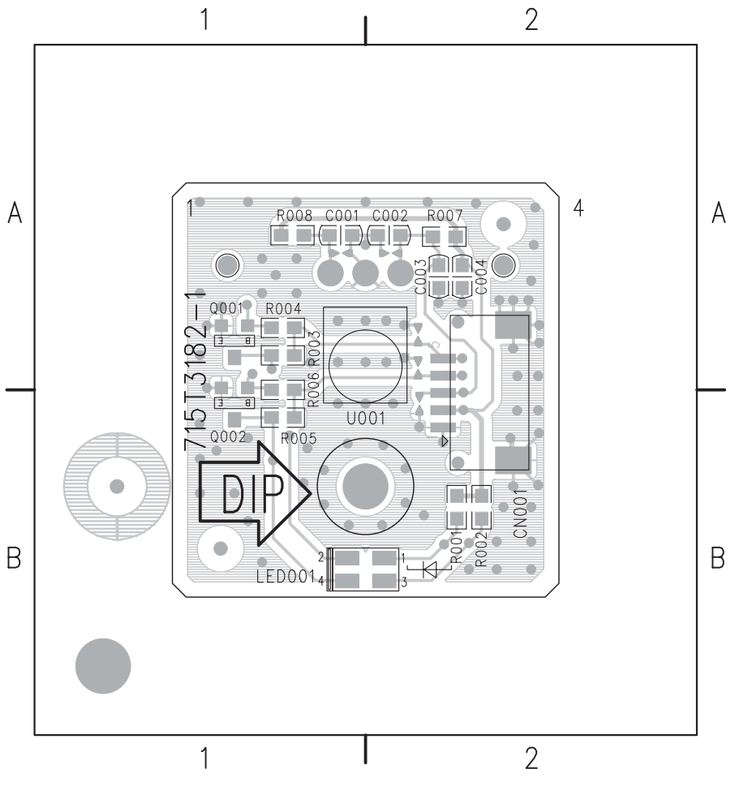
KEY Unit (Side-B)



C016 A1
C017 A3
C018 A3
C019 A2
C020 A2
C021 A4
C022 A4
C023 A1
C024 A1
R016 A2
R017 A2
R018 A4
R019 A4
R020 A1
R021 A3
R022 A3

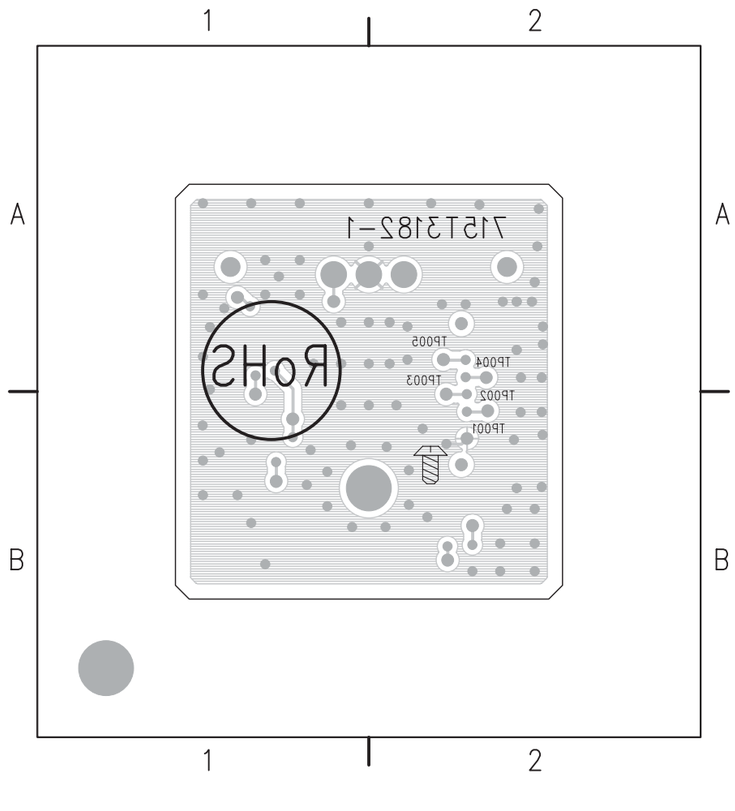
[4] IR UNIT PRINTED WIRING BOARD

IR Unit (Side-A)



C001	A1
C002	A2
C003	A2
C004	A2
CN001	B2
LED001	B1
Q001	A1
Q002	B1
R001	B2
R002	B2
R003	A1
R004	A1
R005	B1
R006	A1
R007	A2
R008	A1
U001	A2

IR Unit (Side-B)



CHAPTER 8. SCHEMATIC DIAGRAM

[1] MAIN SCHEMATIC DIAGRAM

1. POWER-1

EU SHARP MT533X - 4 LAYERS

DC POWER INPUT

BRIGHT_ADJ:
Normal:Max:+3V3, Min:0V
Stand_By:0V

INVERTER_ON_OFF:
Normal: High
Stand_By: Low

STANDBY:
Normal: High
Stand_by: Low

CONN

CN100

INVERTER_ON_OFF
BRIGHT_ADJ
+12V
+24V
STB_PWR5V

SMD/0402 R146 NC/100R 1/16W 5% CEC_PWRSB
SMD/0402 R113 100R 1/16W 5% STANDBY
SMD/0402 R142 NC/100R 1/16W 5% OPWRSB

STB_PWR5V FB100 220R/2000mA FB101 220R/2000mA
C107 4.7UF 16V
C106 100N 16V
+5V_STB

+5V_STB R149 0R05 1/4W +5V_TunerB+ IF 5V HAVE DIP
+5V_SW R105 NC/0R05 1/4W +5V1_TUN IF 5V NO DIP

DV33 DV33SB
R144 1K 1/16W 5% SMD/0402
R129 NC/2K2 1/16W 5% SMD/0402
STANDBY
Q106 BC847C
R126 1K 1/16W 5% STAND_BY SMD/0402
C124 100N 16V SMD/0402

STAND_BY:(OPCTRL3)
Normal: Low
Stand_by: High

OPWRSB(+5V_SW ON/OFF):
Normal: High
Stand_By: Low

+5V_STB +5V_SW
Q104 SI5441DC
R119 22K 1/10W
C105 100N 16V
C101 100uF 16V
R130 5K1 1/10W
OPWRSB R107 1K 1/10W 5%
CEC_PWRSB R145 NC/10K 1/16W 5% SMD/0402
C135 NC/22uF 10V
C121 100N 16V
Q101 BC847C
C114 4.7UF 10V
R147 NC/1K 1/10W 5%

+5V_STB(+5V1) TO +5V_SW BY OPWRSB

2,6,16 +24V
2,12,16 +12V
2,9,11 +5V_STB
2,7,10,12,13,14,15,16,17 +5V_SW
2 +5V1_TUN
5,8 DV18_DDR
5 DV11
6 OPWRSB
6 STAND_BY
17 BRIGHT_ADJ
17 INVERTER_ON_OFF
2,4,5,6,9,10,15,16,17 DV33
2,11 +3V3SB
11 CEC_PWR
8 MEM_VREF
8 VTT
2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17 GND
5,6,9,11,15,16,17 DV33SB

+24V
+12V
+5V_STB
+5V_SW
+5V1_TUN
DV18_DDR
DV11
OPWRSB
STAND_BY
BRIGHT_ADJ
INVERTER_ON_OFF
DV33
+3V3SB
CEC_PWR
MEM_VREF
VTT
GND
DV33SB

CN100 B1 C101 B8
C102 G2 C103 D10
C104 G5 C105 B8
C106 B5 C107 B5
C108 F3 C109 G4
C110 E5 C111 F6
C112 F1 C114 B8
C116 D9 C117 E10
C118 F9 C119 G9
C120 G9 C121 C8
C123 G10 C124 C4
C125 G3 C126 G7
C127 G8 C128 F4
C129 F2 C130 F5
C131 F1 C132 F4
C135 C7 D100 F5
D101 F2 FB100 A4
FB101 B4 L101 F2
L102 F5 Q100 G7
Q101 B8 Q102 E9
Q103 F7 Q104 B8
Q105 D9 Q106 C4
Q107 E8 Q108 G3
Q109 G3 R100 G7
R101 G7 R102 F8
R103 G7 R104 F2
R105 B5 R106 F5
R107 B7 R111 D9
R113 C2 R114 F10
R115 G1 R116 G5
R117 G1 R119 B8
R120 F7 R122 G5
R123 G5 R124 F1
R125 F5 R126 C4
R127 G3 R128 G4
R129 B4 R130 B8
R131 F9 R132 G9
R135 F3 R136 F3
R137 G1 R138 D9
R139 E9 R140 D9
R141 E9 R142 C2
R143 E6 R144 B4
R145 C7 R146 C2
R147 C6 R149 B5
R150 E6 TP100 B1
TP101 B1 TP102 B1
TP103 B1 TP104 B1
TP105 B1 TP106 B1
U102 F9 U103 F4

+3.3V for 538X MCU

CEC_PWR(DV33SB ON/OFF):
Normal: Low
Stand_By: High

+3V3SB R111 0 OHM +-5% 1/8W DV33SB
Q105 NC/SI3441BDV
R140 NC/2K2 1/10W 5%
R138 0R05 1/10W 5%
C116 NC/100N 16V
C103 NC/100uF 16V SMD
R141 0R05 1/10W 5%
CEC_PWRSB
CEC_PWR
Q107 NC/MUN2211TIG
R139 NC/2K2 1/10W 5%
Q102 NC/MUN2211TIG
C117 10uF/10V

+3V3SB TO DV33SB BY CEC_PWR

	W CEC	W/O CEC
R111	NC	Yes
C103	NC	Yes
Q105	Yes	NC
R139	Yes	NC
R138	Yes	NC
R140	Yes	NC
R141	Yes	NC
C116	Yes	NC
C117	Yes	NC
Q102	Yes	NC
Q107	Yes	NC
R145	Yes	NC
R146	Yes	NC

R143 NC/0R05 1/4W +12V
R150 0R05 1/4W +5V_SW
C110 220uF 16V

0.6 x (1+2.44K/1.2K) = 1.82V
0.6 x (1+1.1K/1.2K) = 1.15V

DV18_DDR 15uH L101 D101 SS3P4
C112 330UF 16V
C131 NC/22N 16V
R124 240 OHM +-1% 1/10W
R137 NC/1K 1/10W 5%
R115 2.2KOHM +-1% 1/10W 1%
R117 1.2KOHM +-1% 1/10W 1%
USE 330uF 16V GF
R104 3.9KOHM +-5% 1/10W
C102 33N 16V
C129 330P 50V
U104 L5985 Vout Vcc SYNC GND INH FSW COMP FB
C108 10U 16V
R136 47KOHM +-5% 1/10W
R135 47KOHM +-5% 1/10W

C132 10U 16V
U103 L5985 Vcc Vout GND SYNC FSW INH FB COMP
L102 15uH D100 SS3P4
DV11
C111 330UF 16V
USE 330uF 16V GF
C128 330P 50V
C104 33N 16V
R106 3.9KOHM +-5% 1/10W
R125 0R05 1/16W SMD/0402
C130 NC/22N 16V
R116 NC/1K 1/10W 5%
R123 1.1KOHM +-1% 1/10W 1%
R122 1.2KOHM +-1% 1/10W 1%

OPWRSB R127 10K 1/10W 5% Q108 BC847C C125 100N 16V
Q109 BC847C R128 10K 1/10W 5% OPWRSB C109 100N 16V

OPWRSB(+1V8):
Normal: High
Stand_By: Low
OFF: Low

From +5V_SW to +1V8/+1V1 By OPWRSB

OPWRSB(+1V1):
Normal: High
Stand_By: Low
OFF: Low

+5V_TunerB+ R120 NC/0R05 1/4W +5V1_TUN
Q103 SI3441BDV
R102 5K1 1/10W
R104 22K 1/10W
R101 22K 1/10W
STANDBY
Q100 BC847C
C127 10U 10V Y5V
R100 22K 1/10W
C126 100N 16V

STANDBY:
Normal: High
Stand_by: Low

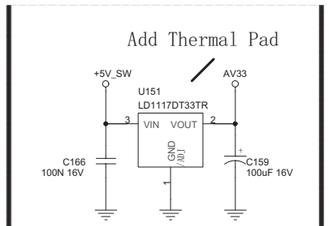
+5V_STB TO +5V1_TUN
FOR IF HAVE 5V DIP

VTT
C118 100N 16V
R114 4K7 1/10W
U102 GND SD VSENSE VREF VTT PVIN AVIN VDDQ LP2996MRX
DV18_DDR
R131 NC/75R 1/10W 1%
MEM_VREF
R132 NC/75R 1/10W 1%
C119 100N 16V
C120 10U 10V
C123 100N 16V

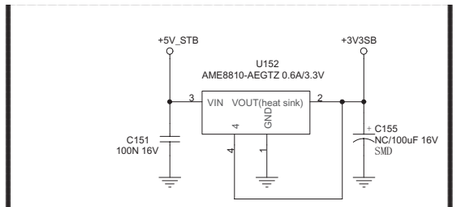
DV18_DDR stabilizer

The item of this page start from "100"

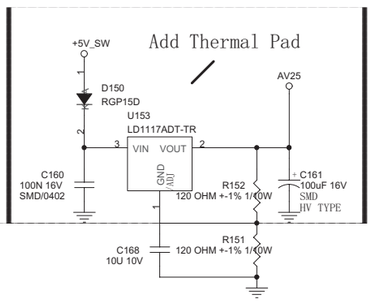
2. POWER-2



+5V_SW TO AV33

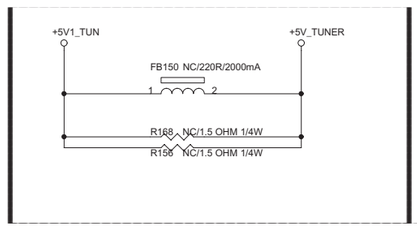


+5V_STB TO +3V3SB(For CEC MCU)

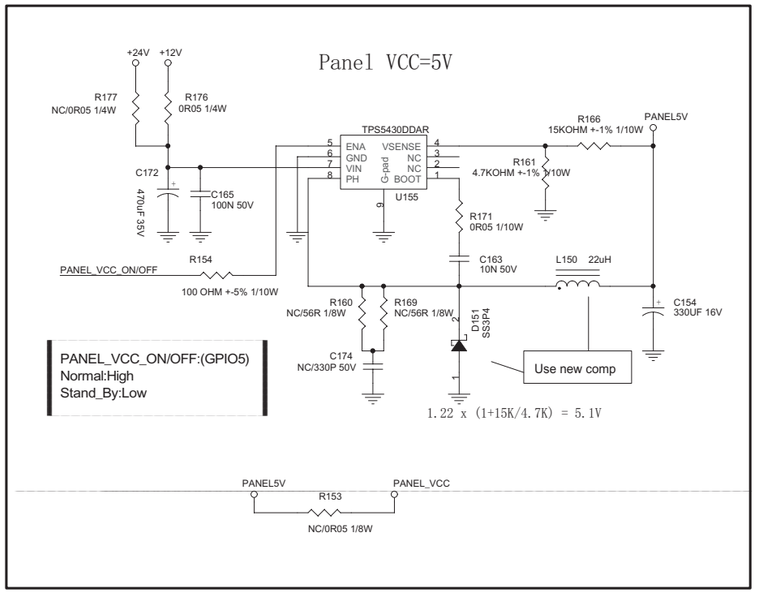


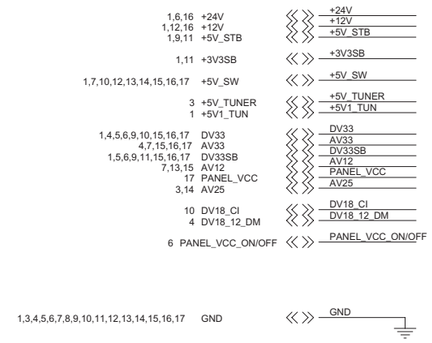
Vo=1.25 x (1+120R/120R) = 2.5V

+5V_SW TO AV25



+5V_TUNER FROM +5V1_TUN

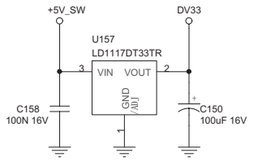




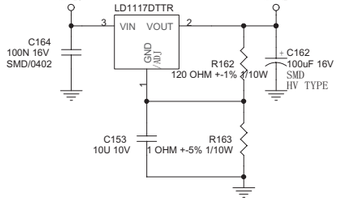
Panel VCC deviation

ITEM	PANEL VCC:+12V	PANEL VCC: +5V
R164	1K	N/C
Q151	BC847C	N/C
R155	0R	N/C
R157	2K2	N/C
Q150	SI5441	N/C
R158	1K	N/C
R159	10K	N/C
C167	22U	N/C
C156	100N	N/C
C157	4U7	N/C
R171	N/C	0R
C163	N/C	10N
R153	N/C	0R
R154	N/C	100R
R161	N/C	4K7
R166	N/C	15K
C172	N/C	470U
L150	N/C	22U
C154	N/C	330U
U155	N/C	TPS5430
C165	N/C	100N
D151	N/C	SS3P4
R176	N/C	0R

C150 E2 C151 A3
C152 G8 C153 E3
C154 B8 C155 A4
C156 E6 C157 E8
C158 E1 C159 A2
C160 C1 C161 C2
C162 E4 C163 B7
C164 E3 C165 B6
C166 A1 C167 E8
C168 C1 C169 F3
C170 F4 C171 G3
C172 B6 C173 G1
C174 C7 C175 G2
C176 G7 C177 G5
C178 G6 D150 B1
D151 B7 FB150 B3
L150 B8 Q150 D7
Q151 E7 R151 C2
R152 C2 R153 C6
R154 B6 R155 D7
R156 C3 R157 E7
R158 E6 R159 E7
R160 B7 R161 B8
R162 E4 R163 E4
R164 E7 R165 F4
R166 A8 R167 G4
R168 C3 R169 B7
R170 F2 R171 B7
R172 G7 R173 G7
R174 G6 R175 F8
R176 A6 R177 A6
U151 A1 U152 A3
U153 C1 U154 D3
U155 A7 U156 F3
U157 E1 U158 G1

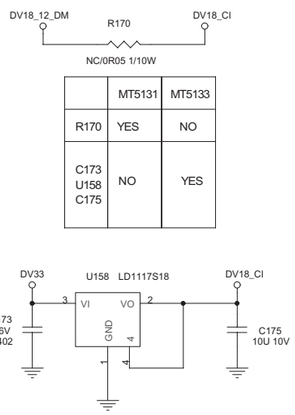


+5V_SW TO DV33



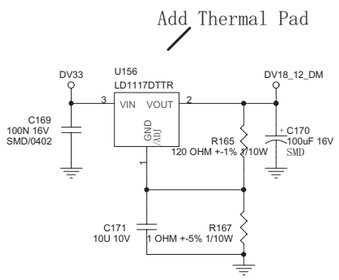
Vo=1.25 x (1+1R/120R) = 1.26V

AV25 TO AV12



	MT5131	MT5133
R170	YES	NO
C173 U158 C175	NO	YES

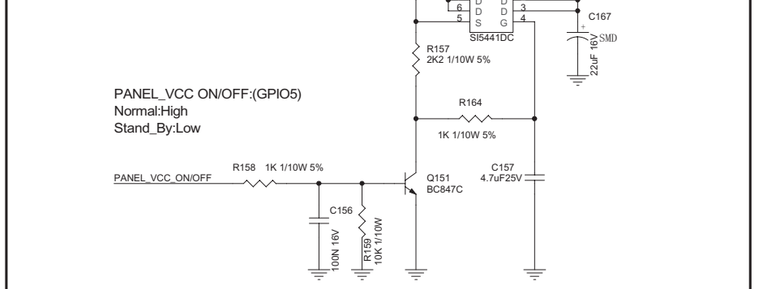
DV33 TO DV18_CI

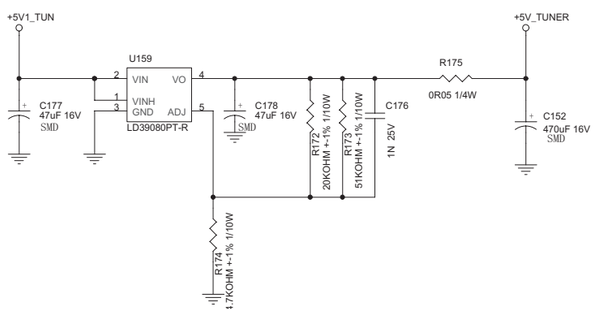


Vo=1.25 x (1+1R/120R) = 1.26V

Vo=1.25 x (1+270R/120R) = 1.8V

DV33 TO DV18_12_DM





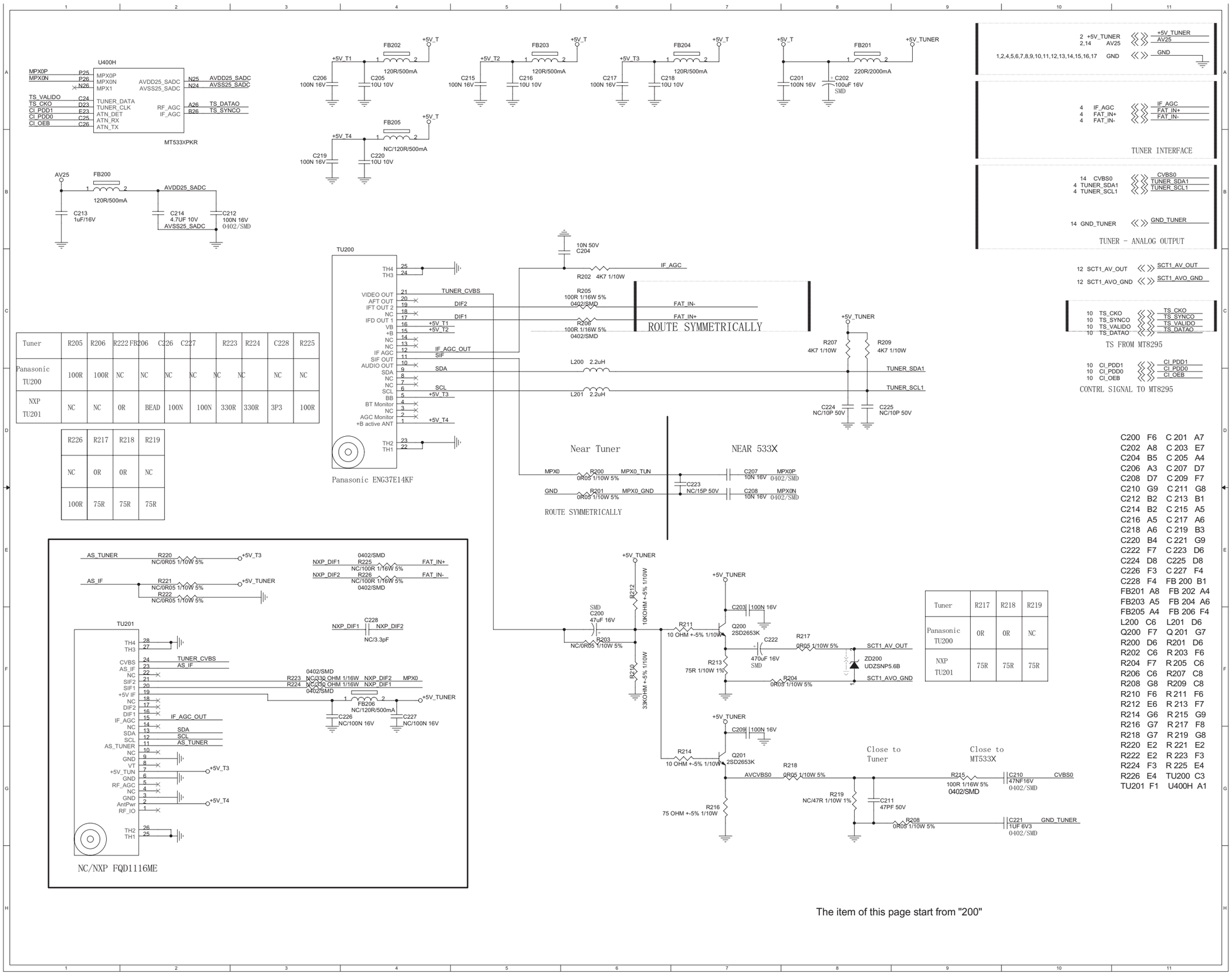
+5V_TUNER FROM Regulator

+5V_TUNER deviation of different Power board

ITEM	POWER 32"/37"	POWER 42"/47"
FB150	N/C	BEAD
R175	0R	N/C
U159	LD39080	N/C
R174	4K7	N/C
C178	47UF/16V	N/C
R172	20K	N/C
R173	51K	N/C
C176	1N/25V	N/C
C177	47UF/16V	N/C

The item of this page start from "150"

3. TUNER



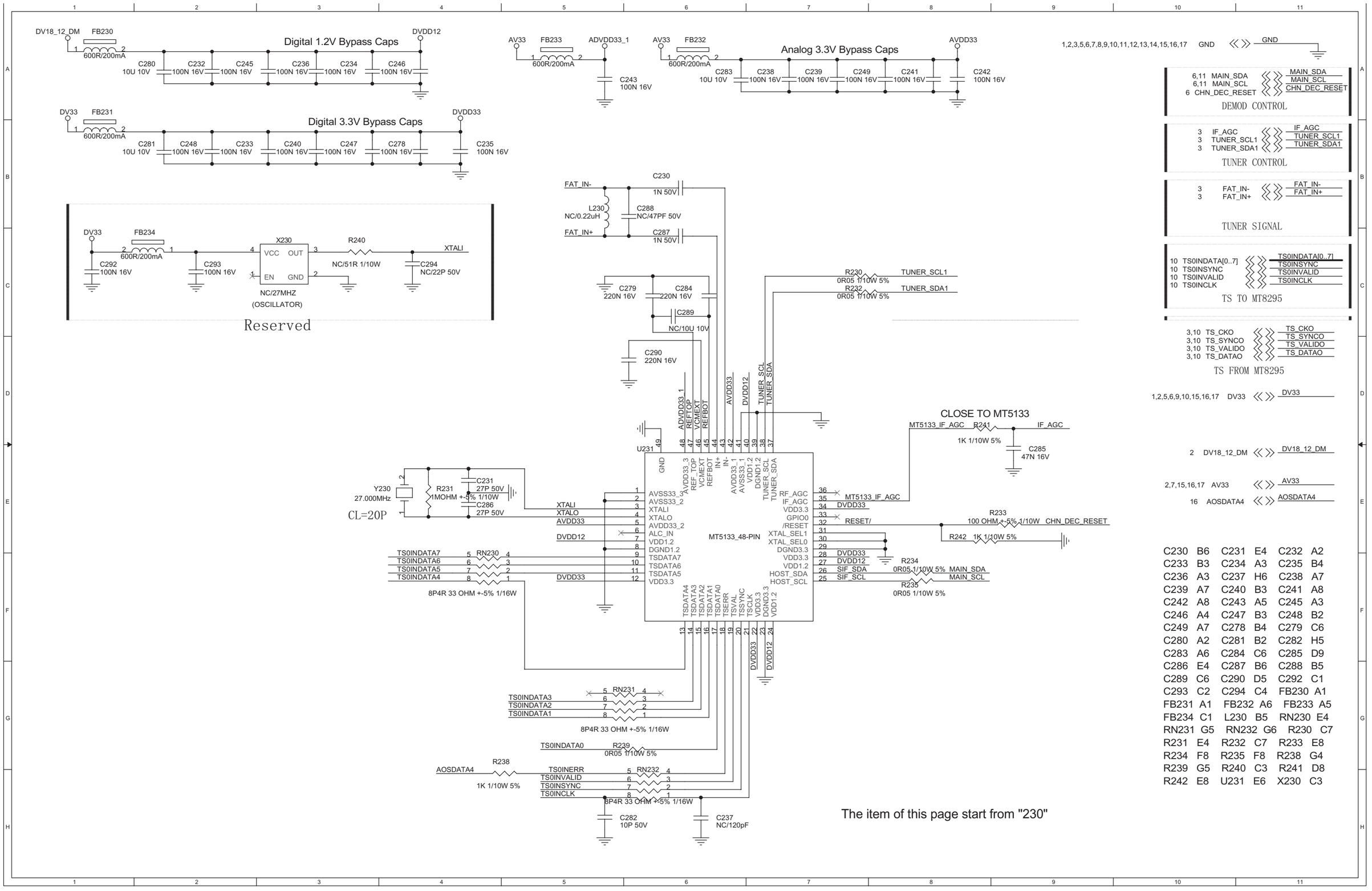
Tuner	R205	R206	R222	FB206	C226	C227	R223	R224	C228	R225
Panasonic TU200	100R	100R	NC	NC	NC	NC	NC	NC	NC	NC
NXP TU201	NC	NC	0R	BEAD	100N	100N	330R	330R	3P3	100R

R226	R217	R218	R219
NC	0R	0R	NC
100R	75R	75R	75R

Tuner	R217	R218	R219
Panasonic TU200	0R	0R	NC
NXP TU201	75R	75R	75R

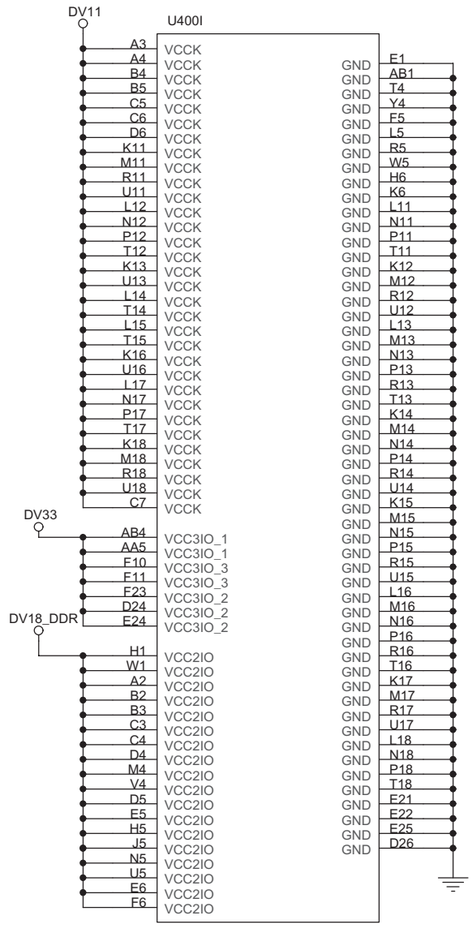
The item of this page start from "200"

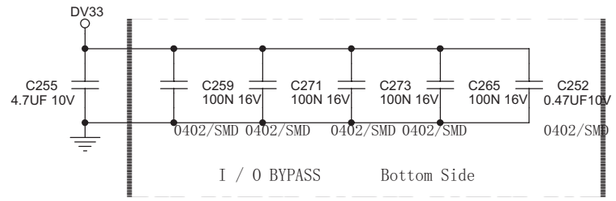
4. MT5133 ASIC

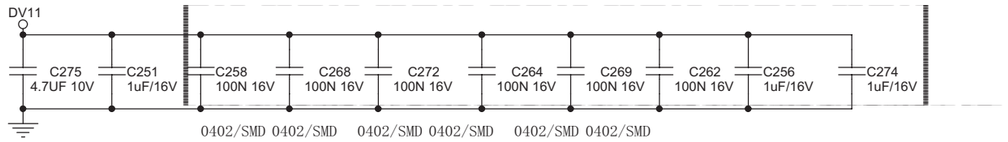


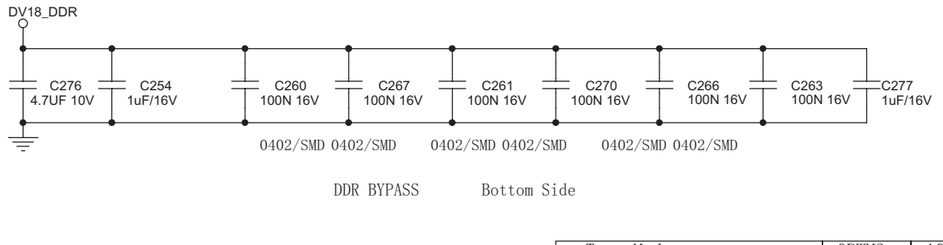
C230 B6 C231 E4 C232 A2
C233 B3 C234 A3 C235 B4
C236 A3 C237 H6 C238 A7
C239 A7 C240 B3 C241 A8
C242 A8 C243 A5 C245 A3
C246 A4 C247 B3 C248 B2
C249 A7 C278 B4 C279 C6
C280 A2 C281 B2 C282 H5
C283 A6 C284 C6 C285 D9
C286 E4 C287 B6 C288 B5
C289 C6 C290 D5 C292 C1
C293 C2 C294 C4 FB230 A1
FB231 A1 FB232 A6 FB233 A5
FB234 C1 L230 B5 RN230 E4
RN231 G5 RN232 G6 R230 C7
R231 E4 R232 C7 R233 E8
R234 F8 R235 F8 R238 G4
R239 G5 R240 C3 R241 D8
R242 E8 U231 E6 X230 C3

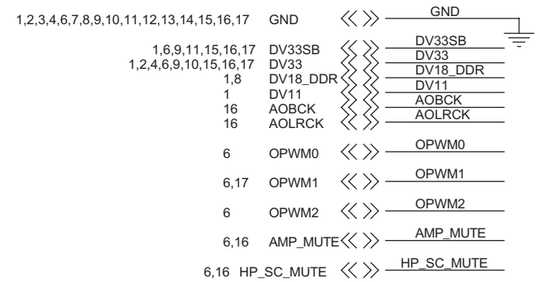
5. MT533X BYPASS/TRAP

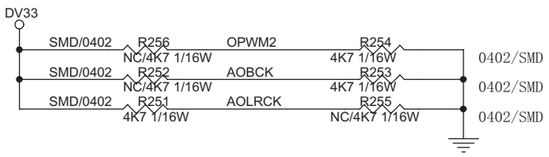


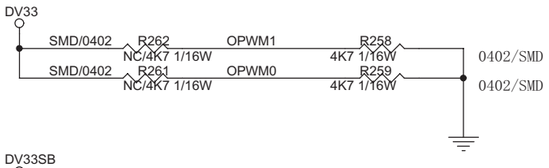


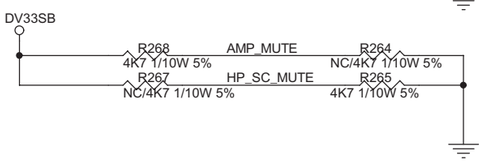












Trap Mode	OPWM2	AOBCK	AOLRCK
Normal mode	0	0	0
ICE mode	0	0	1
CPU model mode	0	1	0
SCAN mode	1	X	X
Scan BGA Mode	1	1	X
OLT Mode	1	X	1

Trap Mode	OPWM0	OPWM1
NOR BOOT	0	0
NAND BOOT	0	1
LARGE NAND BOOT	1	0

Trap Mode	OPCTRL5	OPCTRL4
Core Reset 0.9V	0	0
Core Reset 3.3V	0	1
SCAN mode	1	0
Core Reset lus	1	1

C251	C5	C252	B6
C254	D5	C255	B4
C256	C8	C258	C5
C259	B5	C260	D5
C261	D6	C262	C7
C263	D8	C264	C6
C265	B6	C266	D7
C267	D6	C268	C5
C269	C7	C270	D7
C271	B5	C272	C6
C273	B5	C274	C8
C275	C4	C276	D4
C277	D8	R251	F4
R252	F4	R253	F5
R254	E5	R255	F5
R256	E4	R258	F5
R259	F5	R261	F4
R262	F4	R264	G5
R265	G5	R267	G4
R268	G4	U400I	B2

The item of this page start from "250"

6. MT533X PERIPHERAL

Strapping	R318	R325
Support CI	NC	4.7K
No Support CI	4.7K	NC

	W/O CEC	W CEC
R322	YES	NO
Q303	NO	YES
R314	YES	NO
R323	YES	NO
Q304	NO	YES

PULL HIGH 3K9 ON CEC SIDE

RESERVED

RESERVED

NVM_WEN(538x NVM write control):
write_enable: High
write_disable: Low

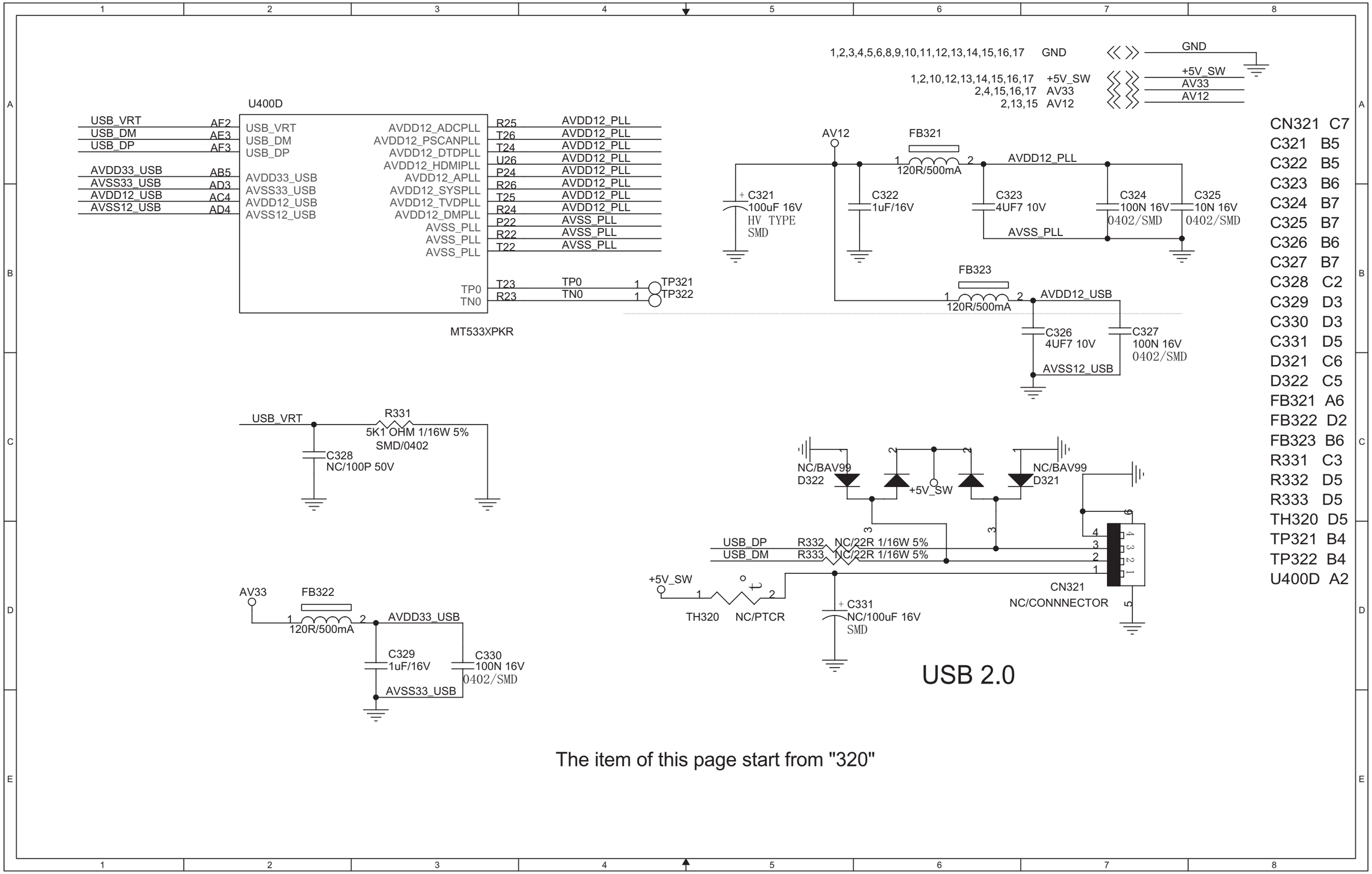
IIC ADRESS "A0"

39K // 27K = 16K
24 * 16/ (100 +16) = 3.31V

The item of this page start from "300"

C302	D5	C303	F2	C304	F4
C305	F5	C306	G2	C307	G2
C308	F6	C309	F2	C310	G2
C311	G2	C312	D6	C313	G4
C314	G4	C315	G5	C316	H6
C317	G6	C318	C4	C319	C5
D300	E6	FB300	F1	FB301	F1
FB302	G1	L300	F6	Q300	D7
Q301	E2	Q303	B7	Q304	C7
Q305	F8	R300	B1	R301	D2
R302	D3	R303	E3	R304	D3
R305	C1	R306	E2	R307	E2
R308	E5	R309	D7	R310	D7
R311	E6	R312	G3	R313	G6
R314	B7	R315	B5	R316	B4
R317	B5	R318	A5	R319	E3
R320	E3	R321	B5	R322	B7
R323	C7	R324	C4	R325	A4
R326	B5	R327	C7	R328	B4
R329	B4	R336	C9	R337	F9
R338	G9	R339	G9	R340	F8
R341	G8	TP300	A3	TP301	A3
U301	E4	U302	D9	U400B	A2

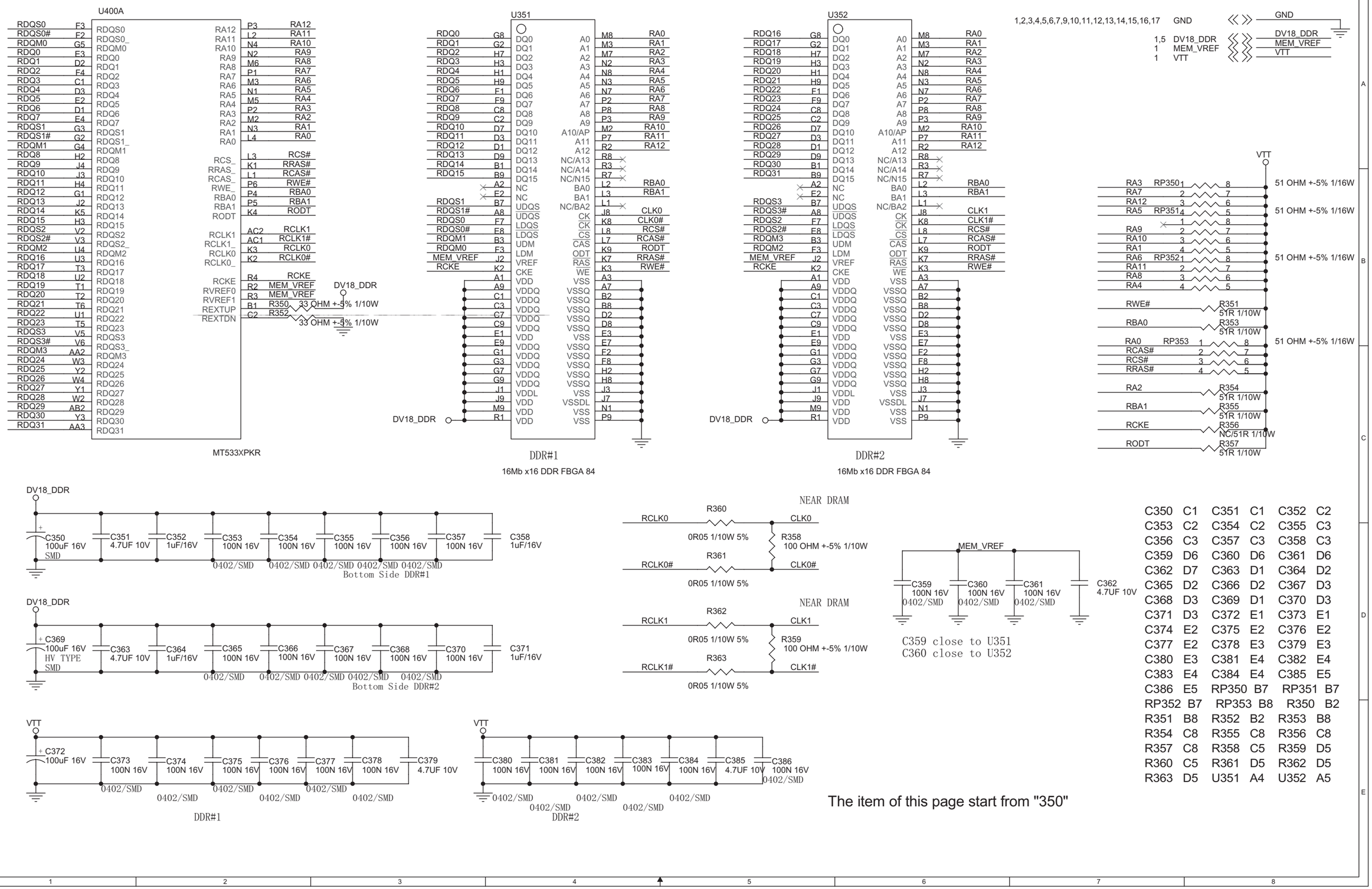
7. ANALOG PLL/USB2.0



CN321 C7
C321 B5
C322 B5
C323 B6
C324 B7
C325 B7
C326 B6
C327 B7
C328 C2
C329 D3
C330 D3
C331 D5
D321 C6
D322 C5
FB321 A6
FB322 D2
FB323 B6
R331 C3
R332 D5
R333 D5
TH320 D5
TP321 B4
TP322 B4
U400D A2

The item of this page start from "320"

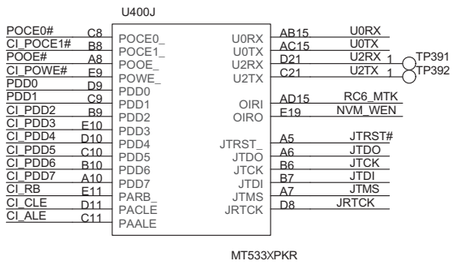
8. DDR2 MEMORY

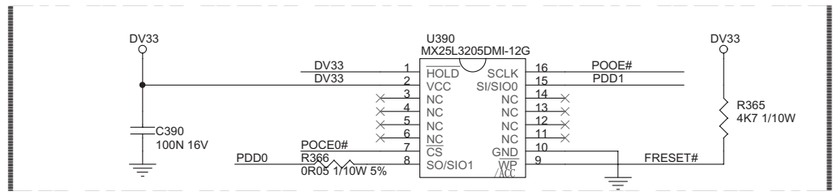


C350	C1	C351	C1	C352	C2
C353	C2	C354	C2	C355	C3
C356	C3	C357	C3	C358	C3
C359	D6	C360	D6	C361	D6
C362	D7	C363	D1	C364	D2
C365	D2	C366	D2	C367	D3
C368	D3	C369	D1	C370	D3
C371	D3	C372	E1	C373	E1
C374	E2	C375	E2	C376	E2
C377	E2	C378	E3	C379	E3
C380	E3	C381	E4	C382	E4
C383	E4	C384	E4	C385	E5
C386	E5	RP350	B7	RP351	B7
RP352	B7	RP353	B8	R350	B2
R351	B8	R352	B2	R353	B8
R354	C8	R355	C8	R356	C8
R357	C8	R358	C5	R359	D5
R360	C5	R361	D5	R362	D5
R363	D5	U351	A4	U352	A5

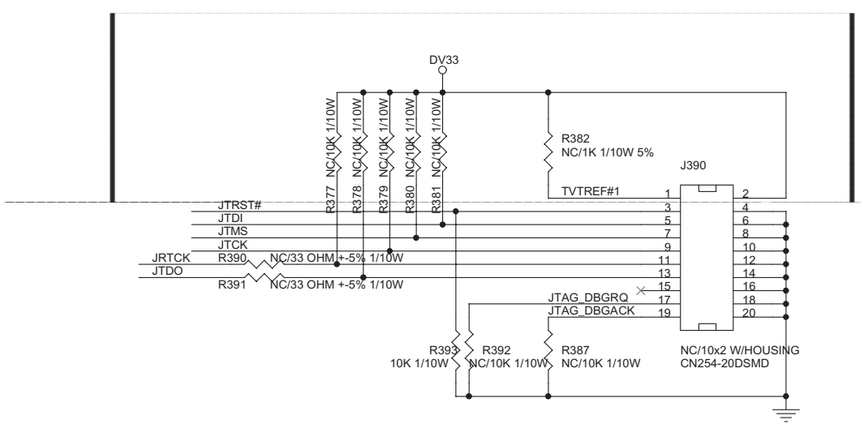
The item of this page start from "350"

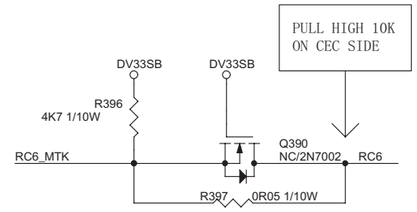
9. FLASH/JTAG/UART/IR

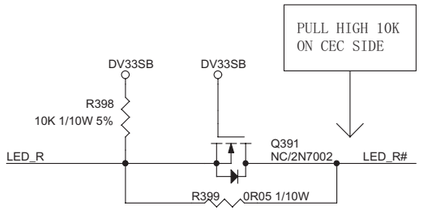




1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17 GND — GND
1,2,11 +5V_STB — +5V_STB
1,5,6,11,15,16,17 DV33SB — DV33SB
1,2,4,5,6,10,15,16,17 DV33 — DV33
6 NVM_WEN — NVM_WEN
6 KEY_MENU_L_R_SOURCE — KEY_MENU_L_R_SOURCE
11 LED_G# — LED_G#
6,11 LED_G — LED_G
6,11 KEY_UP_DN_DCSW — KEY_UP_DN_DCSW
13 U0TX — U0TX
13 U0RX — U0RX
11 RC6 — RC6
6 LED_R — LED_R
11 LED_R# — LED_R#
10 CI_POCE1# — CI_POCE1#
10 CI_POWE# — CI_POWE#
10 CI_PDD2 — CI_PDD2
10 CI_PDD3 — CI_PDD3
10 CI_PDD4 — CI_PDD4
10 CI_PDD5 — CI_PDD5
10 CI_PDD6 — CI_PDD6
10 CI_PDD7 — CI_PDD7
10 CI_RB — CI_RB
10 CI_CLE — CI_CLE
10 CI_ALE — CI_ALE







	W/O CEC	W CEC
R394	YES	NO

	W/O CEC	W CEC
R397	YES	NO
Q390	NO	YES
R396	YES	NO

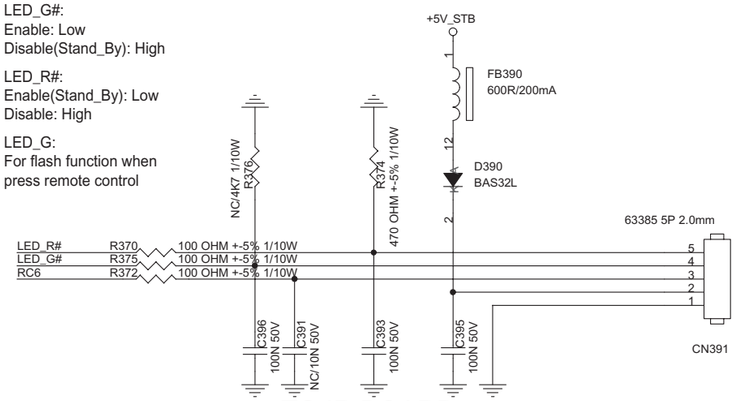
	W/O CEC	W CEC
R399	YES	NO
Q391	NO	YES
R398	YES	NO

CN390 F10
CN391 F4
CN392 F7
C390 B5
C391 G2
C393 G2
C395 G3
C396 G2
C397 G9
C398 G9
D390 F3
D391 E6
D392 E6
FB390 E3
J390 C4
Q390 C6
Q391 C8
R365 A8
R366 B6
R367 F5
R370 F1
R372 F1
R374 F2
R375 F1
R376 F2
R377 C2
R378 C2
R379 C2
R380 C2
R381 C3
R382 C3
R384 F8
R385 F5
R386 F9
R387 D3
R388 F5
R389 F9
R390 D2
R391 D2
R392 D3
R393 D3
R394 D5
R395 F5
R396 C6
R397 C6
R398 C8
R399 C8
TP391 A3
TP392 A3
U390 A6
U400J A2

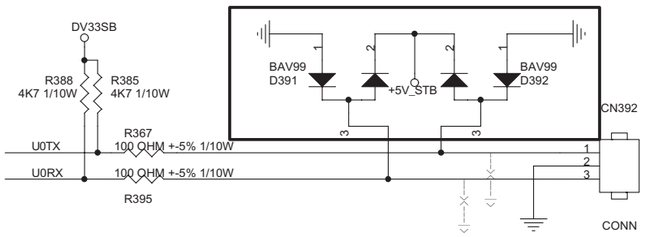
LED_G#:
Enable: Low
Disable(Stand_By): High

LED_R#:
Enable(Stand_By): Low
Disable: High

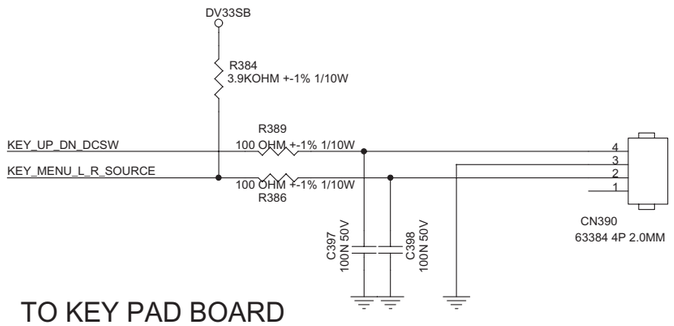
LED_G:
For flash function when
press remote control



TO IR BOARD



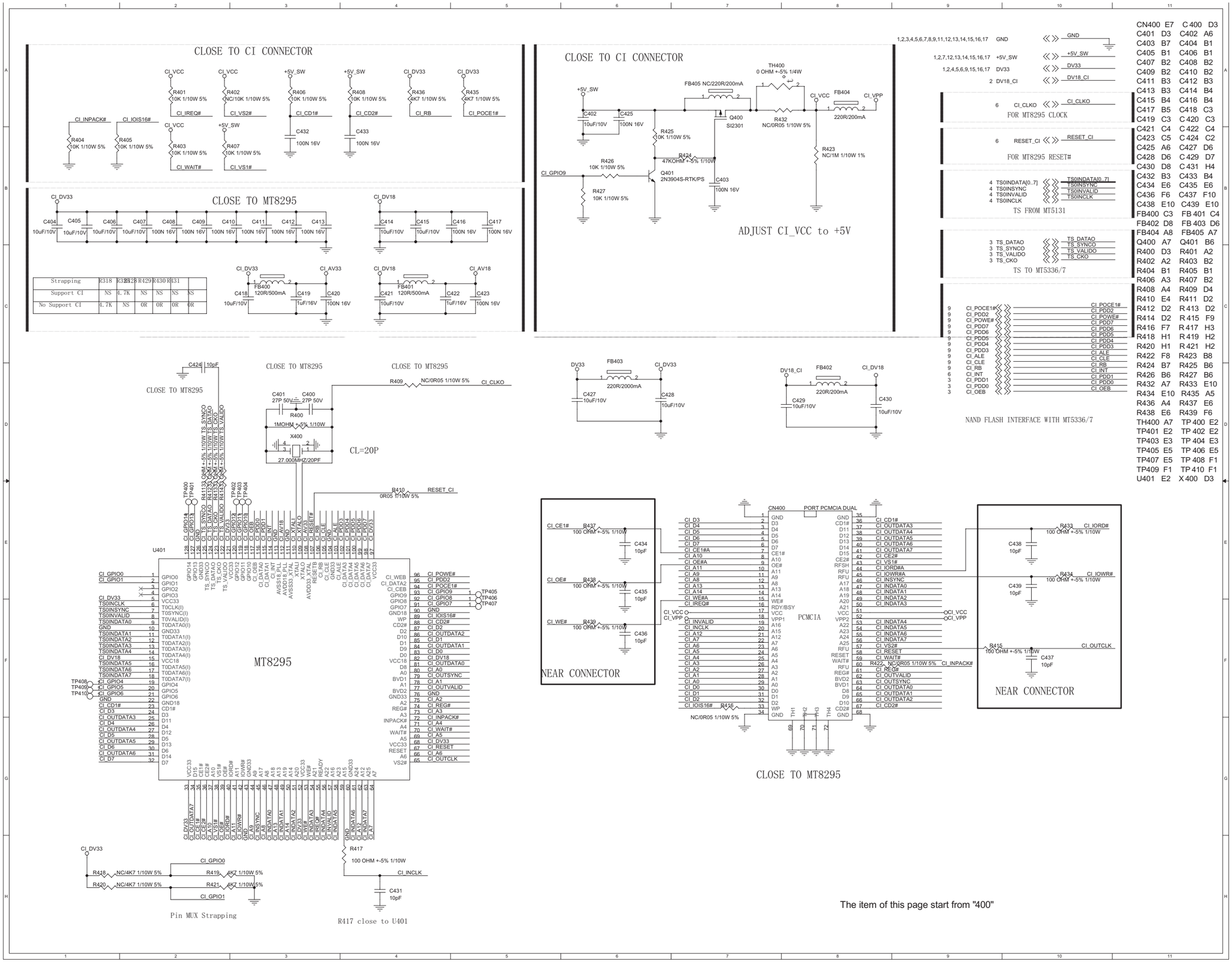
FOR CODE DOWNLOAD,DEBUGGING,
FACTORY ALIGUMENT AND
COMPAIR MODE



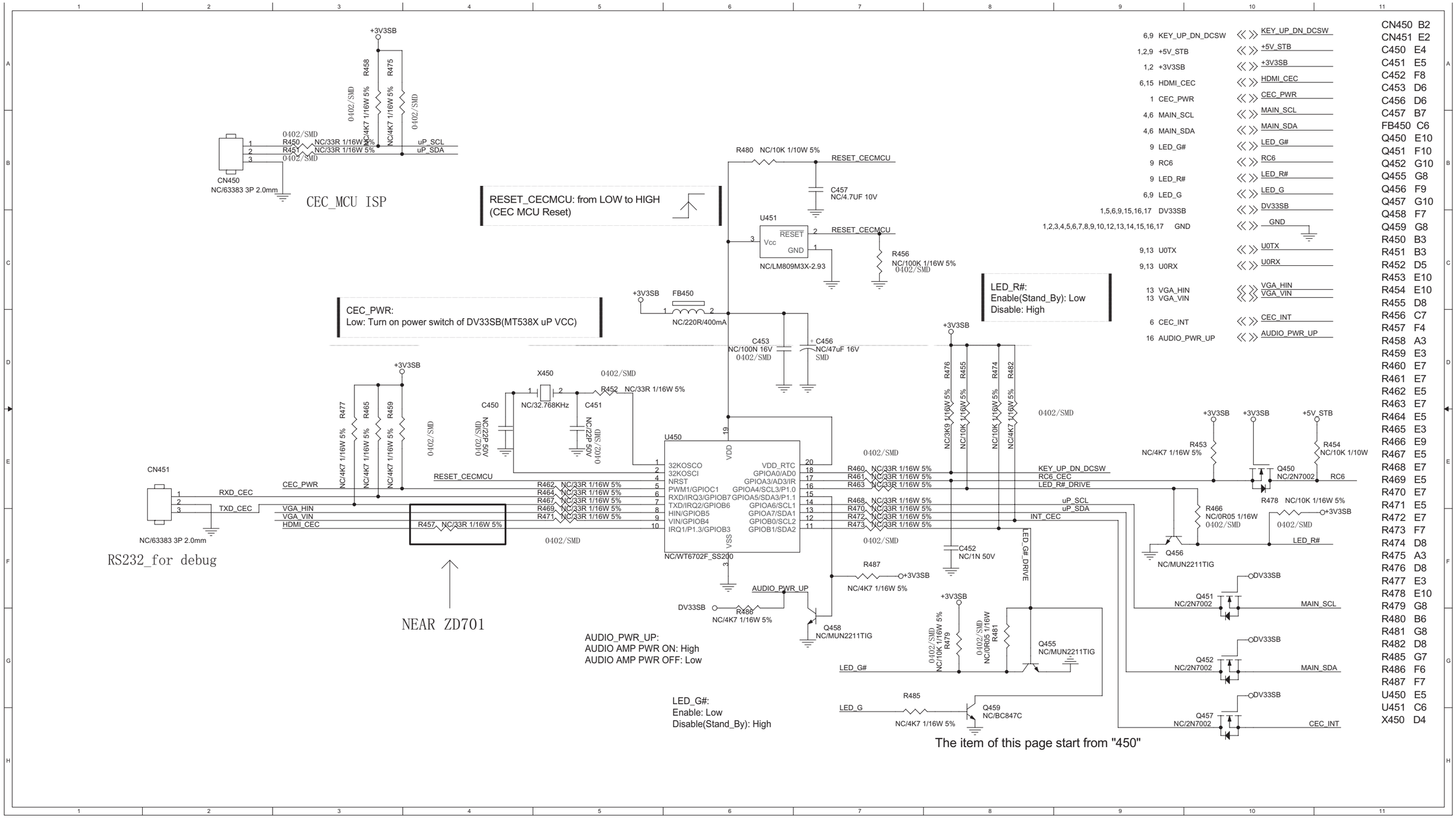
TO KEY PAD BOARD

The item of this page start from "390"

10. MT8295/CI CARD

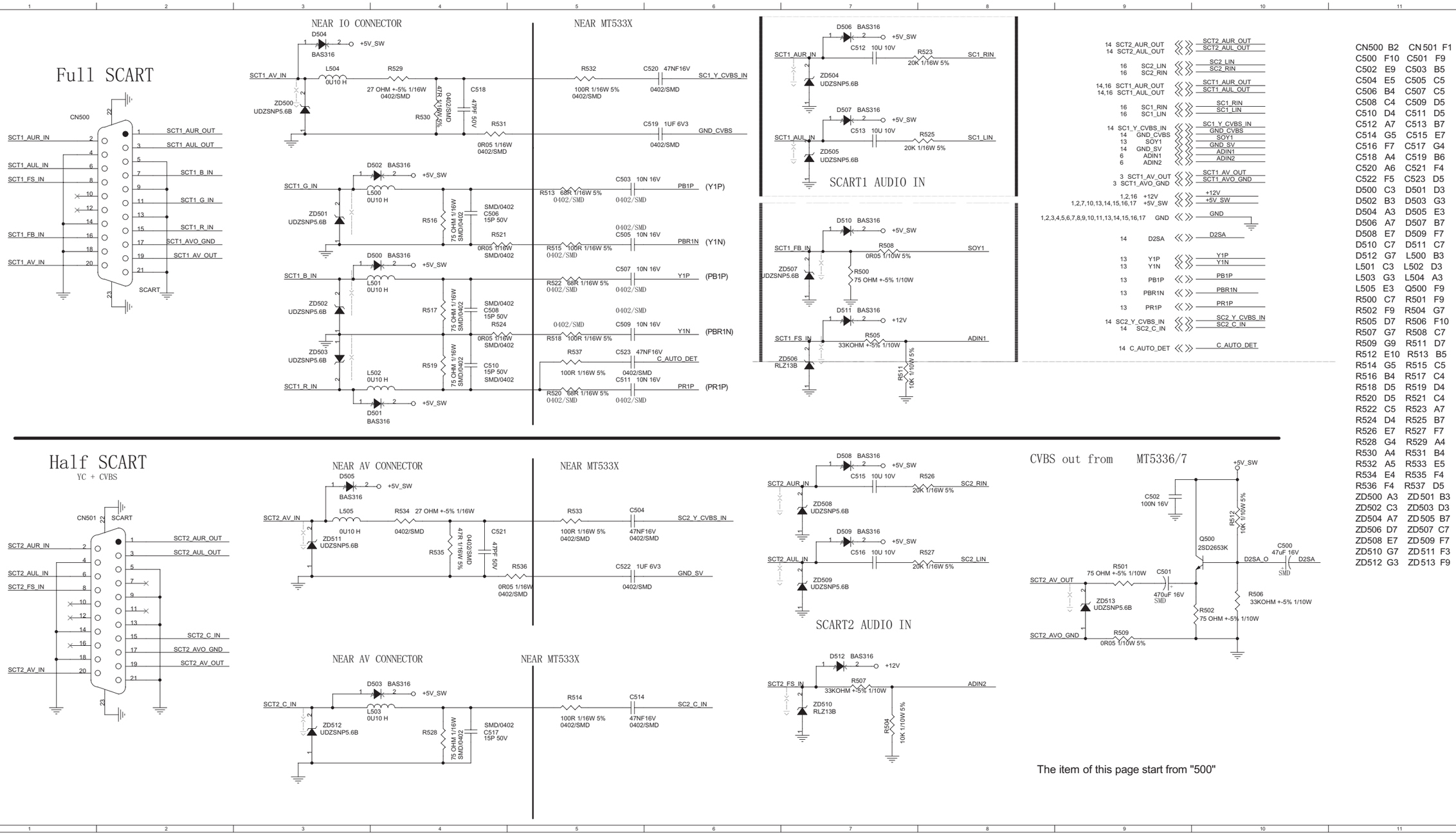


11. CEC MCU



CN450 B2
CN451 E2
C450 E4
C451 E5
C452 F8
C453 D6
C456 D6
C457 B7
FB450 C6
Q450 E10
Q451 F10
Q452 G10
Q455 G8
Q456 F9
Q457 G10
Q458 F7
Q459 G8
R450 B3
R451 B3
R452 D5
R453 E10
R454 E10
R455 D8
R456 C7
R457 F4
R458 A3
R459 E3
R460 E7
R461 E7
R462 E5
R463 E7
R464 E5
R465 E3
R466 E9
R467 E5
R468 E7
R469 E5
R470 E7
R471 E5
R472 E7
R473 F7
R474 D8
R475 A3
R476 D8
R477 E3
R478 E10
R479 G8
R480 B6
R481 G8
R482 D8
R485 G7
R486 F6
R487 F7
U450 E5
U451 C6
X450 D4

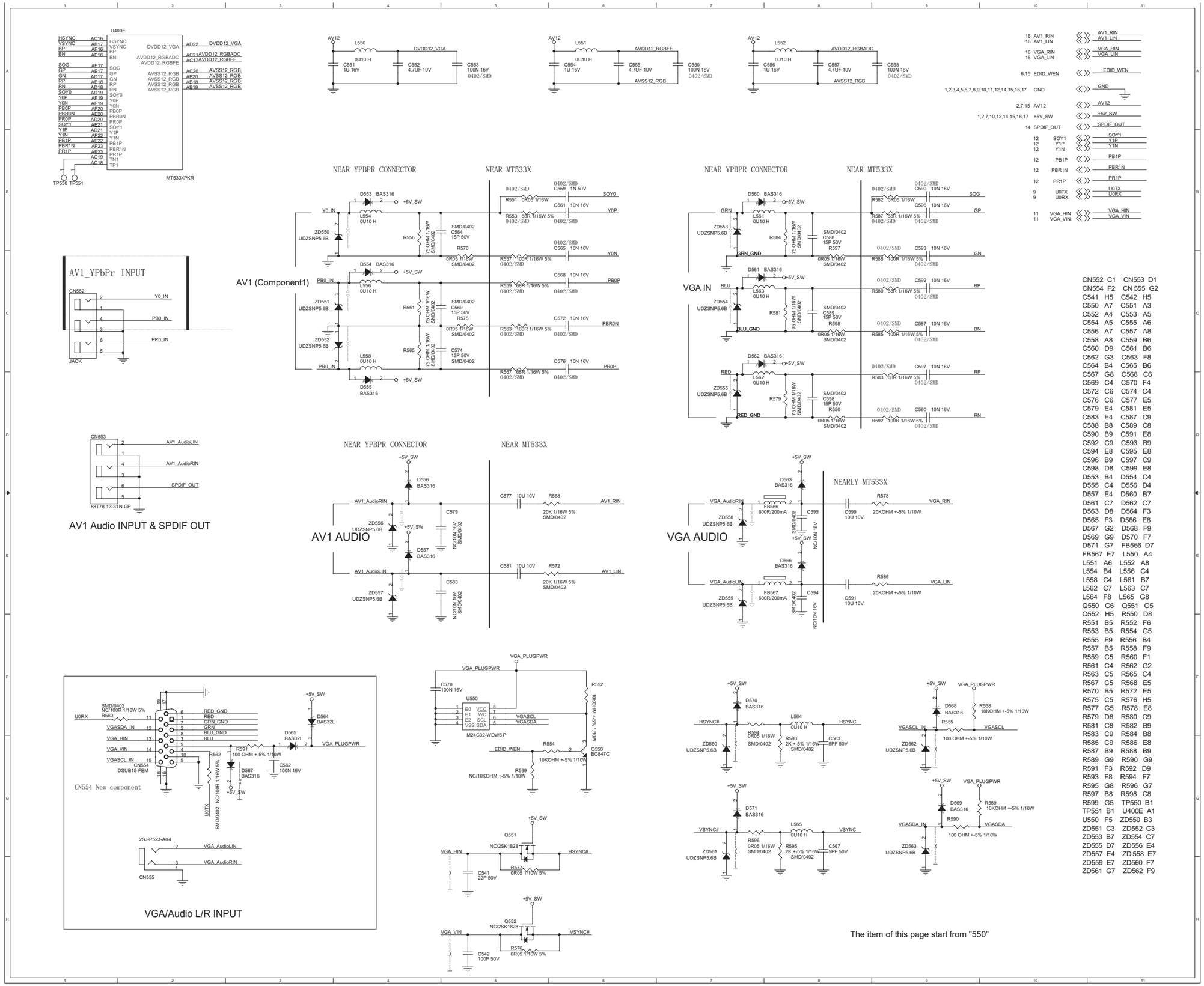
12. SCART1/SCART2



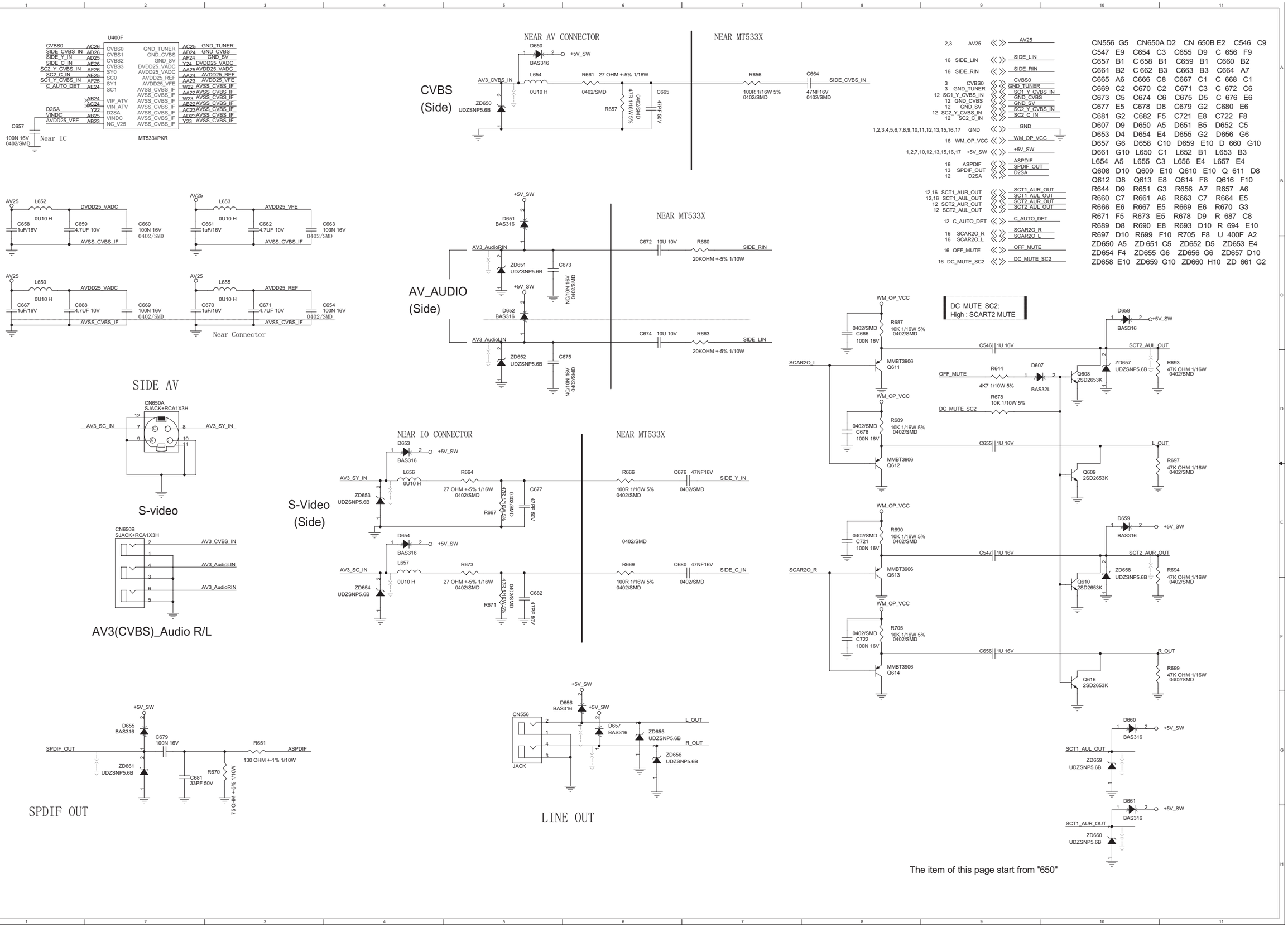
CN500 B2 CN501 F1
C500 F10 C501 F9
C502 E9 C503 B5
C504 E5 C505 C5
C506 B4 C507 C5
C508 C4 C509 D5
C510 D4 C511 D5
C512 A7 C513 B7
C514 G5 C515 E7
C516 F7 C517 G4
C518 A4 C519 B6
C520 A6 C521 F4
C522 F5 C523 D5
D500 C3 D501 D3
D502 B3 D503 G3
D504 A3 D505 E3
D506 A7 D507 B7
D508 E7 D509 F7
D510 C7 D511 C7
D512 G7 L500 B3
L501 C3 L502 D3
L503 G3 L504 A3
L505 E3 Q500 F9
R500 C7 R501 F9
R502 F9 R504 G7
R505 D7 R506 F10
R507 G7 R508 C7
R509 G9 R511 D7
R512 E10 R513 B5
R514 G5 R515 C5
R516 B4 R517 C4
R518 D5 R519 D4
R520 D5 R521 C4
R522 C5 R523 A7
R524 D4 R525 B7
R526 E7 R527 F7
R528 G4 R529 A4
R530 A4 R531 B4
R532 A5 R533 E5
R534 E4 R535 F4
R536 F4 R537 D5
ZD500 A3 ZD501 B3
ZD502 C3 ZD503 D3
ZD504 A7 ZD505 B7
ZD506 D7 ZD507 C7
ZD508 E7 ZD509 F7
ZD510 G7 ZD511 F3
ZD512 G3 ZD513 F9

The item of this page start from "500"

13. YPBPR/VGA INPUT

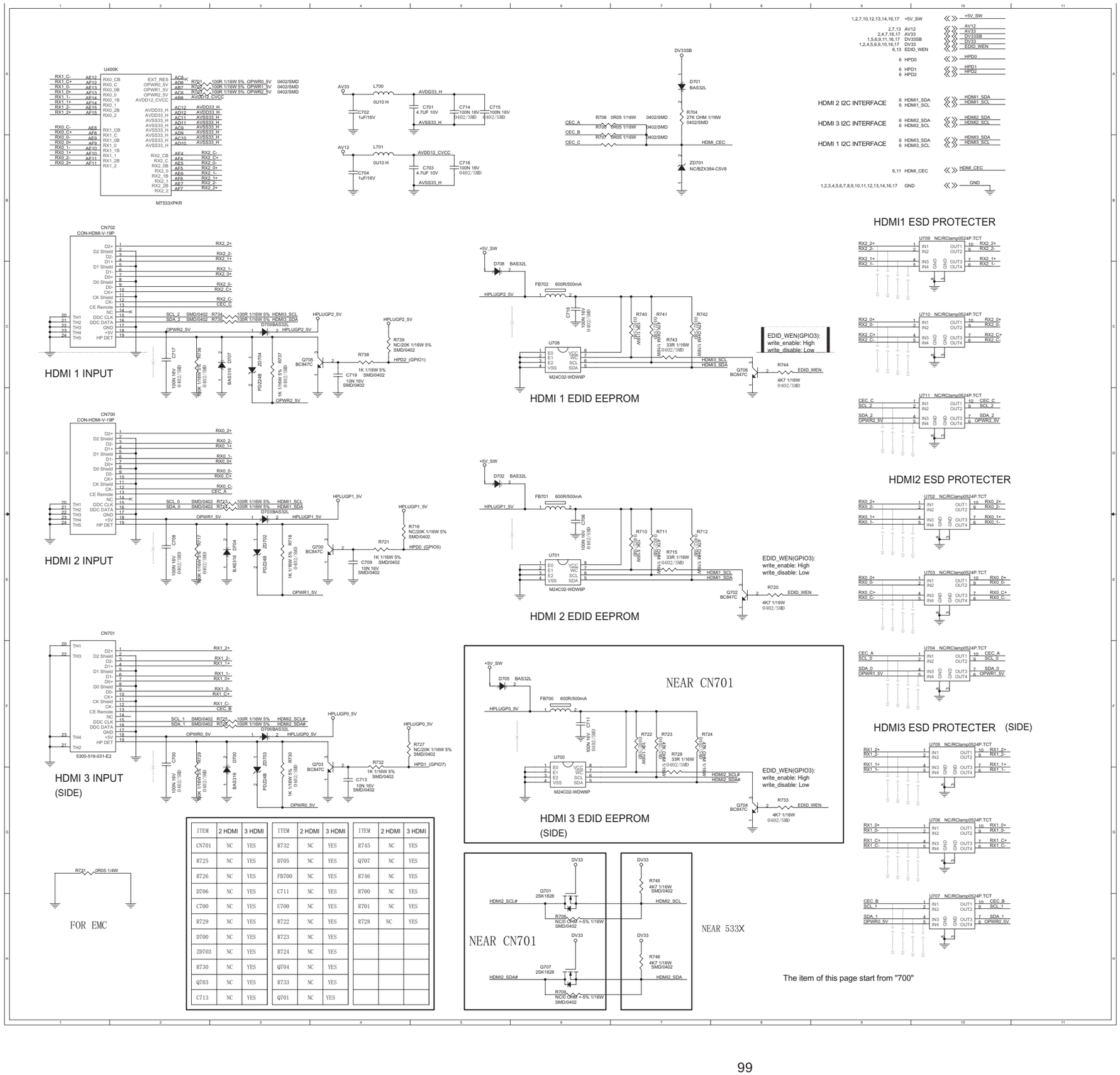


14. SIDE AV/SPDIF OUT/LINE OUT



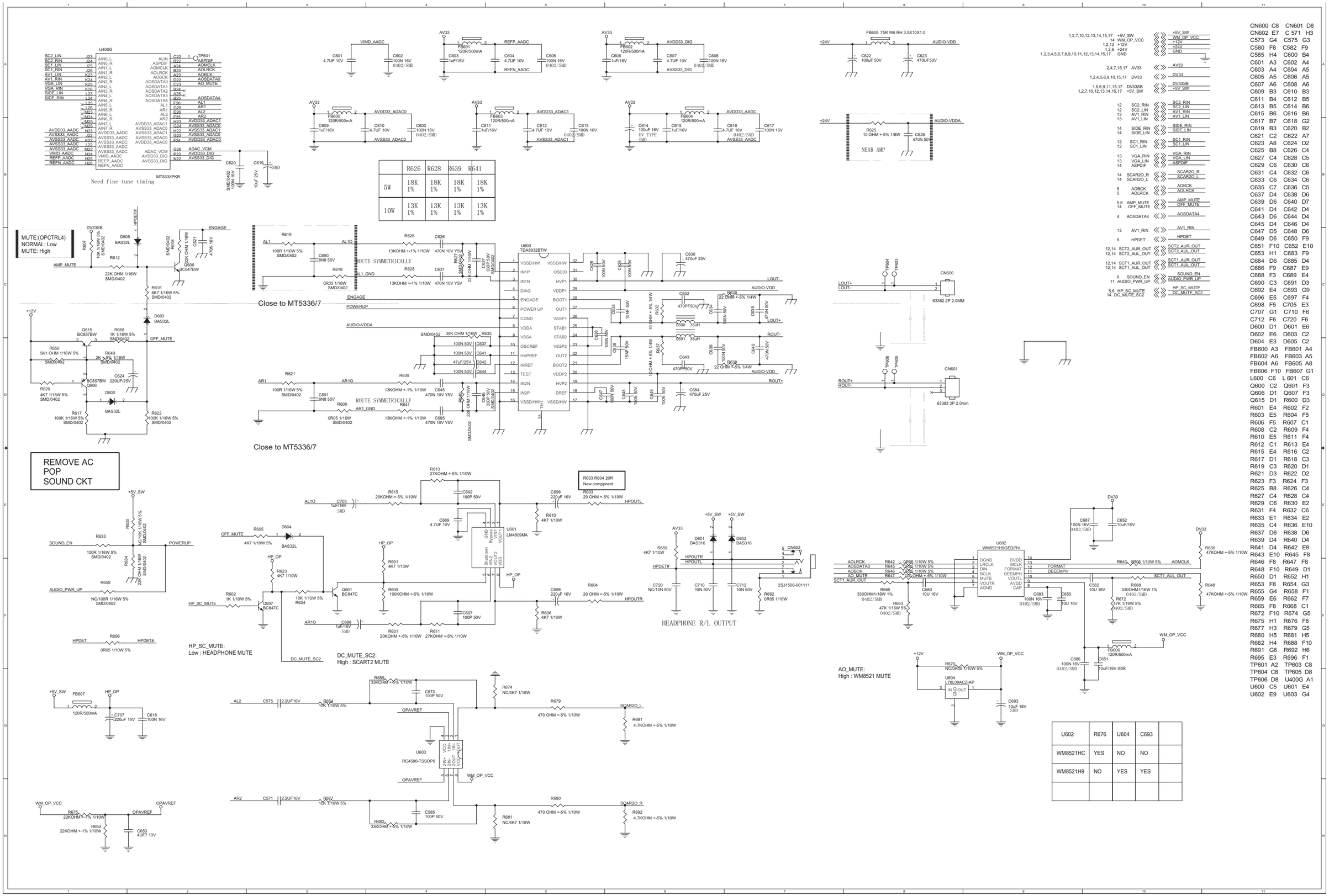
The item of this page start from "650"

15. HDMI1/HDMI2/HDMI3 INPUT



ITEM	2 HDMI	3 HDMI	ITEM	2 HDMI	3 HDMI	ITEM	2 HDMI	3 HDMI
CN701	NC	YES	R732	NC	YES	R745	NC	YES
R725	NC	YES	D705	NC	YES	Q707	NC	YES
R726	NC	YES	FB700	NC	YES	R746	NC	YES
D706	NC	YES	C711	NC	YES	R700	NC	YES
C700	NC	YES	U700	NC	YES	R701	NC	YES
R729	NC	YES	R722	NC	YES	R728	NC	YES
D700	NC	YES	R723	NC	YES			
ZD703	NC	YES	R724	NC	YES			
R730	NC	YES	Q704	NC	YES			
Q703	NC	YES	R733	NC	YES			
C713	NC	YES	Q701	NC	YES			

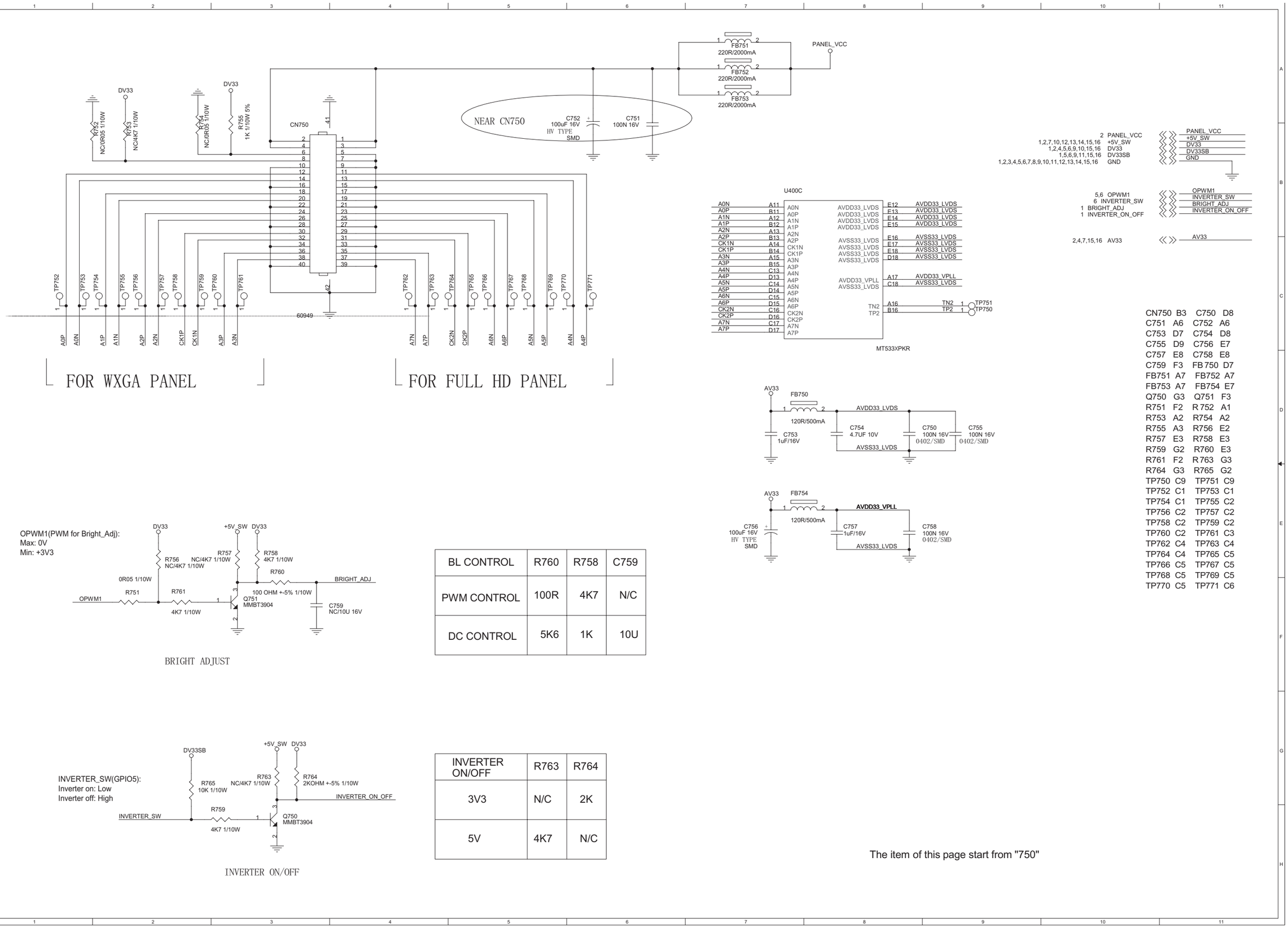
16. AUDIO AMP/HEADPHONE OUT



U602	R676	U604	C693	
WM8521HC	YES	NO	NO	
WM8521H9	NO	YES	YES	

CN600	C8	CN601	D8	
CN602	E7	C 571	H3	
C573	G4	C575	G3	
C580	F8	C582	F9	
C585	H4	C600	B4	
C601	A3	C602	A4	
C603	A4	C604	A5	
C605	A5	C606	A5	
C607	A6	C608	A6	
C609	B3	C610	B3	
C611	B4	C612	B5	
C613	B5	C614	B6	
C615	B6	C616	B6	
C617	B7	C618	G2	
C619	B3	C620	B2	
C621	C2	C622	A7	
C623	A8	C624	D2	
C625	B8	C626	C4	
C627	C4	C628	C5	
C629	C6	C630	C6	
C631	C4	C632	C6	
C633	C6	C634	C6	
C635	C7	C636	C5	
C637	D4	C638	D6	
C639	D6	C640	D7	
C641	D4	C642	D4	
C643	D6	C644	D4	
C645	D4	C646	D4	
C647	D5	C648	D6	
C649	D6	C650	F9	
C651	F10	C652	E10	
C653	H1	C683	F9	
C684	D6	C685	D4	
C686	F9	C687	E9	
C688	F3	C689	E4	
C690	C3	C691	D3	
C692	E4	C693	G9	
C696	E5	C697	F4	
C698	F5	C705	E3	
C707	G1	C710	F6	
C712	F6	C720	F6	
D600	D1	D601	E6	
D602	E6	D603	C2	
D604	E3	D605	C2	
FB600	A3	FB601	A4	
FB602	A6	FB603	A5	
FB604	A6	FB605	A8	
FB606	F10	FB607	G1	
L600	C6	L 601	C6	
Q600	C2	Q601	F3	
Q606	D1	Q607	F3	
Q615	D1	R600	D3	
R601	E4	R602	F2	
R603	E5	R604	F5	
R606	F5	R607	C1	
R608	C2	R609	F4	
R610	E5	R611	F4	
R612	C1	R613	E4	
R615	E4	R616	C2	
R617	D1	R618	C3	
R619	C3	R620	D1	
R621	D3	R622	D2	
R623	F3	R624	F3	
R625	B8	R626	C4	
R627	C4	R628	C4	
R629	C6	R630	E2	
R631	F4	R632	C6	
R633	E1	R634	E2	
R635	C4	R636	E10	
R637	D6	R638	D6	
R639	D4	R640	D4	
R641	D4	R642	E8	
R643	E10	R645	F8	
R646	F8	R647	F8	
R648	F10	R649	D1	
R650	D1	R652	H1	
R653	F8	R654	G3	
R655	G4	R658	F1	
R659	E6	R662	F7	
R665	F8	R668	C1	
R672	F10	R674	G5	
R675	H1	R676	F8	
R677	H3	R679	G5	
R680	H5	R681	H5	
R682	H4	R688	F10	
R691	G6	R692	H6	
R695	E3	R696	F1	
TP601	A2	TP603	C8	
TP604	C8	TP605	D8	
TP606	D8	U400G	A1	
U600	C5	U601	E4	
U602	E9	U603	G4	

17. LVDS OUTPUT



CN750 B3 C750 D8
C751 A6 C752 A6
C753 D7 C754 D8
C755 D9 C756 E7
C757 E8 C758 E8
C759 F3 FB750 D7
FB751 A7 FB752 A7
FB753 A7 FB754 E7
Q750 G3 Q751 F3
R751 F2 R752 A1
R753 A2 R754 A2
R755 A3 R756 E2
R757 E3 R758 E3
R759 G2 R760 E3
R761 F2 R763 G3
R764 G3 R765 G2
TP750 C9 TP751 C9
TP752 C1 TP753 C1
TP754 C1 TP755 C2
TP756 C2 TP757 C2
TP758 C2 TP759 C2
TP760 C2 TP761 C3
TP762 C4 TP763 C4
TP764 C4 TP765 C5
TP766 C5 TP767 C5
TP768 C5 TP769 C5
TP770 C5 TP771 C6

BRIGHT ADJUST

BL CONTROL	R760	R758	C759
PWM CONTROL	100R	4K7	N/C
DC CONTROL	5K6	1K	10U

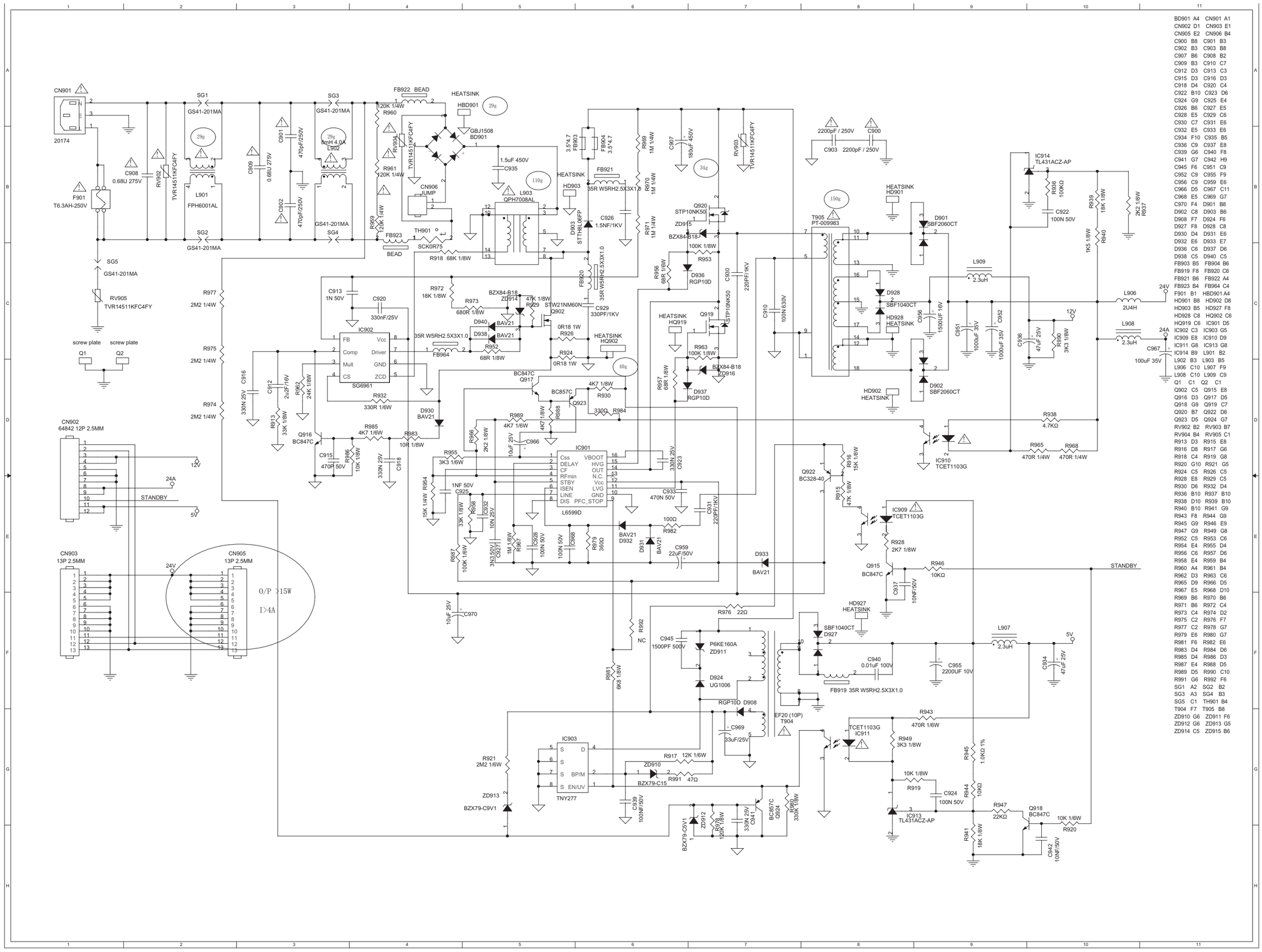
INVERTER ON/OFF

INVERTER ON/OFF	R763	R764
3V3	N/C	2K
5V	4K7	N/C

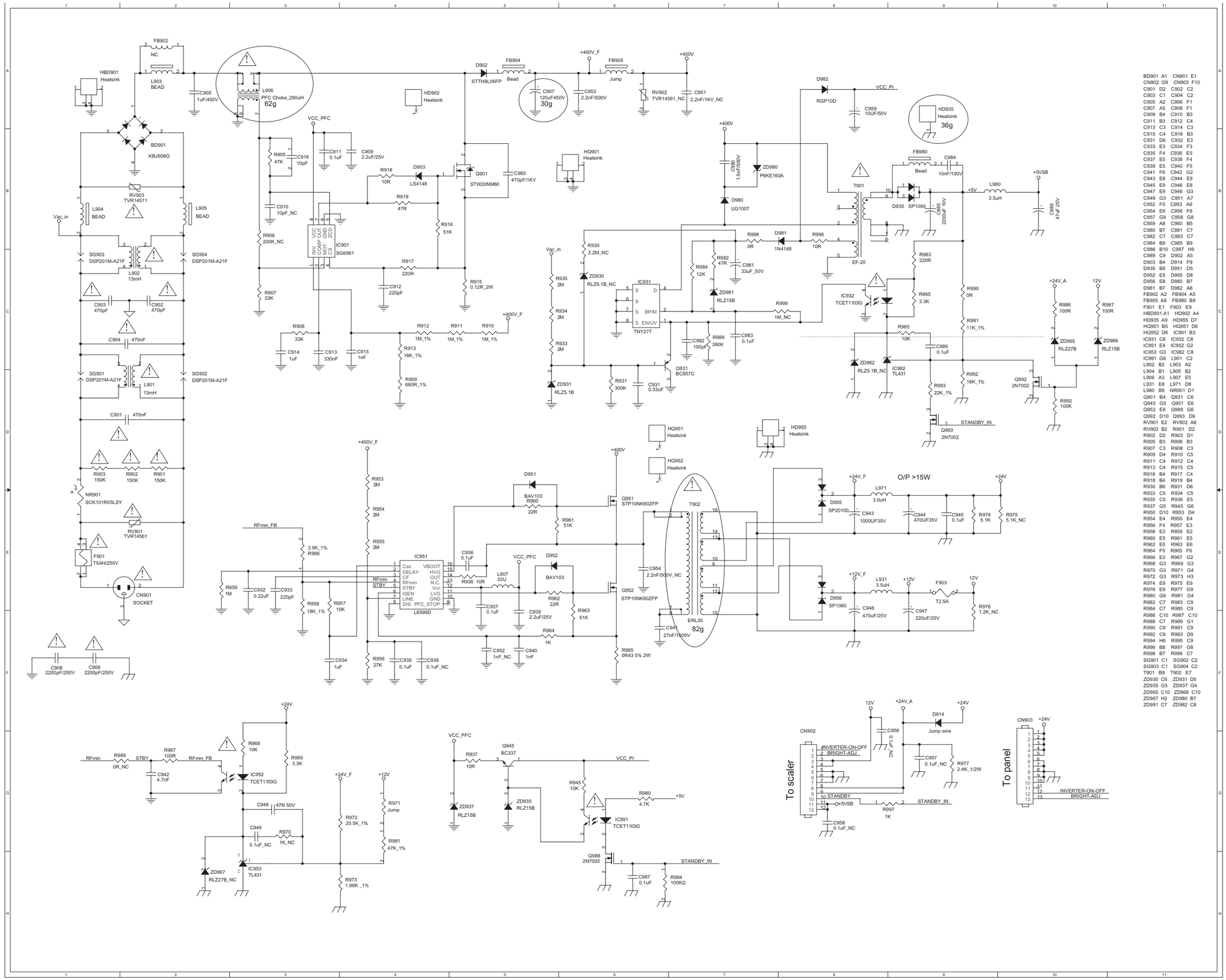
The item of this page start from "750"

[2] POWER SCHEMATIC DIAGRAM

1. POWER SCHEMATIC DIAGRAM for 42”

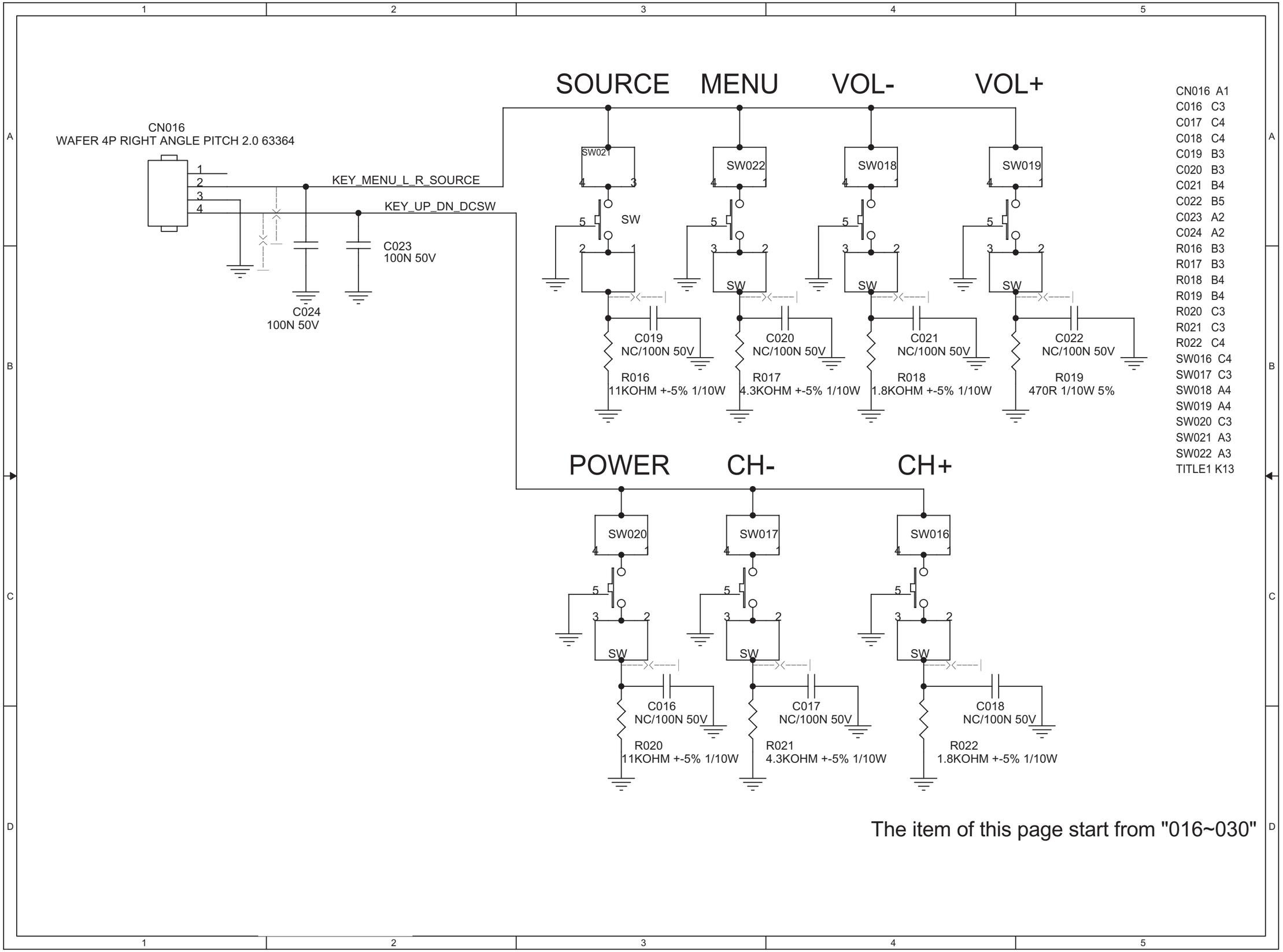


2. POWER SCHEMATIC DIAGRAM for 26" and 32"



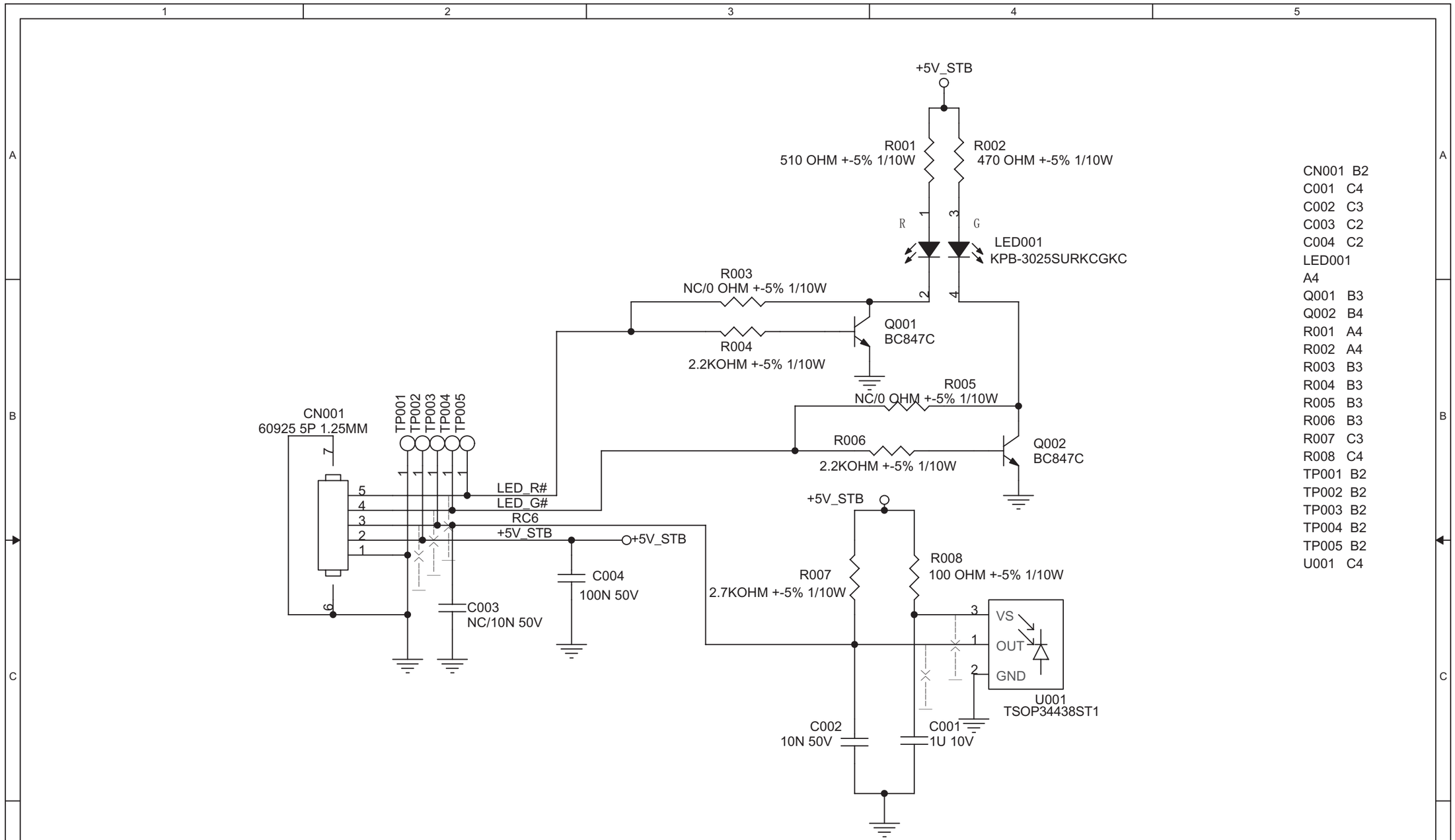
BD901 A1 CN901 E1
CN902 G8 CN903 F10
C901 D2 C902 C2
C903 C1 C904 C2
C905 A2 C906 F1
C907 A5 C908 F1
C909 B4 C910 B3
C911 B3 C912 C4
C913 C3 C914 C3
C915 C4 C916 B3
C931 D6 C932 E3
C933 E3 C934 F3
C935 F4 C936 E5
C937 E5 C938 F4
C939 E5 C940 F5
C941 F6 C942 G2
C943 E8 C944 E9
C945 E9 C946 E8
C947 E9 C948 G3
C949 G3 C951 A7
C952 F5 C953 A6
C954 E6 C956 F8
C957 G9 C958 G8
C959 A8 C960 B5
C980 B7 C981 C7
C982 C7 C983 C7
C984 B9 C985 B9
C986 B10 C987 H6
C989 C9 D902 A5
D903 B4 D914 F9
D935 B9 D951 D5
D952 E5 D955 D8
D956 E8 D980 B7
D981 B7 D982 A8
FB902 A2 FB904 A5
FB905 A6 FB980 B9
F901 E1 F903 E9
HBD901 A1 HD902 A4
HD935 A9 HD955 D7
HQ901 B5 HQ951 D6
HQ952 D6 IC901 B3
IC931 C6 IC932 C8
IC951 E4 IC952 G2
IC953 G3 IC982 C8
IC991 G6 L901 C2
L902 B2 L903 A2
L904 B1 L905 B2
L906 A3 L907 E5
L931 E8 L971 D8
L980 B9 NR901 D1
Q901 B4 Q931 C6
Q945 G5 Q951 E6
Q952 E6 Q988 G6
Q992 D10 Q993 D9
RV901 E2 RV902 A6
RV903 B2 R901 D2
R902 D2 R903 D1
R905 B3 R906 B3
R907 C3 R908 C3
R909 D4 R910 C5
R911 C4 R912 C4
R913 C4 R915 C5
R916 B4 R917 C4
R918 B4 R919 B4
R930 B6 R931 D6
R933 C5 R934 C5
R935 C5 R936 E5
R937 G5 R945 G6
R950 D10 R953 D4
R954 E4 R955 E4
R956 F4 R957 E3
R958 E3 R959 E2
R960 E5 R961 E5
R962 E5 R963 E6
R964 F5 R965 F6
R966 E3 R967 G2
R968 G3 R969 G3
R970 G3 R971 G4
R972 G3 R973 H3
R974 E9 R975 E9
R976 E9 R977 G9
R980 G6 R981 G4
R982 C7 R983 C9
R984 C7 R985 C9
R986 C10 R987 C10
R988 C7 R989 G1
R990 C9 R991 C9
R992 C9 R993 D9
R994 H6 R995 C9
R996 B8 R997 G8
R998 B7 R999 C7
SG901 C1 SG902 C2
SG903 C1 SG904 C2
T901 B8 T902 E7
ZD930 C6 ZD931 D5
ZD935 G5 ZD937 G4
ZD965 C10 ZD966 C10
ZD967 H2 ZD980 B7
ZD981 C7 ZD982 C8

[3] KEY SCHEMATIC DIAGRAM



The item of this page start from "016~030"

[4] IR SCHEMATIC DIAGRAM



CN001 B2
C001 C4
C002 C3
C003 C2
C004 C2
LED001
A4
Q001 B3
Q002 B4
R001 A4
R002 A4
R003 B3
R004 B3
R005 B3
R006 B3
R007 C3
R008 C4
TP001 B2
TP002 B2
TP003 B2
TP004 B2
TP005 B2
U001 C4

The item of this page start from "001~015"

CHAPTER 9. PARTS GUIDE

[1] SPARE PARTS LIST

Model: LC-42SB55E(CMO)			
Item	**Code number**	**Description**	**Sharp C/N**
Mechanical Parts			
70	705TP833007	KEY PAD ASSY	9JR7050000011
30	705TP834027	BEZEL ASSY	9JR7050000016
40	705TP834028	REAR COVER ASSY	9JR7050000017
50	705TP837010	BASE ASSY	9JR7050000020
60	705TP837011	BASE STAND ASSY	9JR7050000021
1185	078T 499902 1M	SPEAKER 6OHM 10W 156mmx30mm	9JR7800000001
1186	078T 499902 1M	SPEAKER 6OHM 10W 156mmx30mm	9JR7800000001
Accessory			
136	705TZ841031	DFU ASSY	9JR7050000024
	705TZ841028	DFU ASSY	9JR7050000023
1172	089T404A18NHT2	POWER CORD 1.8M 4L4L-040-00K	9JR8900000003
1176	098TRABD5NESHC	REMOTE CONTROL RL57S	9JR9800000002
Packing			
451	705TZ8CS006	CUSHION Assy	9JR7050000025
450	P44TN015843 1A	CARTON	9JR4400000014
miscellanea			
100	0Q1T 940 25 47 CR3	Screw dia.4 x25	9JR0100000021
101	0M1T1140 6120	SCREW 4*6MM	9JR0100000003
102	0Q1T 940 12 47 CR3	T4X12 SCREW	9JR0100000008
103	0M1T1730 8106 CR3	SCREW	9JR0100000019
104	0Q1T 930 8 47 CR3	SCREW	9JR0100000007
105	0Q1T1040 8120	SCREW	9JR0100000010
106	0M1T6022500	SCREW	9JR0100000005
108	0M1T 330 6 47 CR3	SCREW	9JR0100000001
109	0M1T 940 16 47 CR3	SCREW M4X6	9JR0100000002
126	P40TNV0084325B	1RATING LABEL	9JR4000000029
127	P40TA00081328A	FAMILY SHEET- SERVICE	9JR4000000004
130	P40TN00084358A	CARTON LABEL	9JR4000000028
137	P40TN00084342B	LABEL_SIDE_IO	9JR4000000021
143	P45T 48005 1A	P.E. BAG(100 X 70)	9JR4500000003
144	P41TN025843 1C	QSG-1 (Western & North Europe)	9JR4100000008
145	P41TN026843 1B	QSG-2 (Eastern Europe & Russia)	9JR4100000009
455	P45T 46023	PE BAG(1200X1000x0.72mm)	9JR4500000008
503	P40TD000813 9A	family sheet	9JR4000000005
506	P40TD00081311A	FAMILY SHEET	9JR4000000006
8390	095T8014 4F924	HARNESS 4P-4P 700mm 75261	9JR9500000008
8391	095T8014 5F911	HARNESS 5P-5P 350mm 75260	9JR9500000011
8600	095T8013 2F924	HARNESS 2P-FAST 440mm 75262	9JR9500000002
8601	095T8013 3F907	HARNESS 3P-FAST 1030mm 75263	9JR9500000005
8750	095T8018 51929 FP	HARNESS 51P-20*2P 310mm 75229	9JR9500000022
LCD panel			
1050	750TVMT0H1741N000P	Panel V420H1-L07 C3 TW CMO	9JR7500000007
1050	750TVMT0H1742N000P	Panel V420H1-L07 C3 NB CMO	9JR7500000008
1050	750TVMT0H1743N000P	PANEL V420H1-L07 C3 NH CMO	9JR7500000009
PCB assy			
1054	ADTV92428PA1	POWER PCB ASSY	9JR9900000037
1053	CBPF82MBPL	Main Pcb Assy SHARP 42"-CMO	9JR9900000006
1056	IRPF8PB7	IR PCB ASSY	9JR9900000009
1057	KEPF8PB2	KEY BOARD	9JR9900000010
Main PCB 1053 CBPF82MBPL Main Pcb Assy SHARP 42"-CMO			
TU200	094TPASEBGL 3M	TUNER ENG37E14KRF	9JR9400000002
1262	705TP856090	NOR FLASH ASSY (U390)	9JR7050000031
1302	705TP856089	Serial IIC EEPROM ASSY (CMO-Panasonic)	9JR7050000030
C101	067T 3051013CT	EC 100uF 16V KM 6.3x11mm	9JR6700000018

C102	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C104	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C105	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C106	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C107	067T 215471 3C	EC 470uF 16V GF 8x16mm	9JR6700000004
C108	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C109	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C110	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C111	067T 5153313CT	EC 330UF 16V GF 8*16mm	9JR6700000040
C112	067T 5153313CT	EC 330UF 16V GF 8*16mm	9JR6700000040
C114	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C117	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C118	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C119	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C121	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C123	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C124	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C125	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C126	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C127	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C128	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C129	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C132	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C150	067T 3051013CT	EC 100uF 16V KM 6.3x11mm	9JR6700000018
C151	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C152	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C153	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C156	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C157	065T120647522K 3	CER 1206 4U7 25V X7R +/-10%	9JR6500000162
C158	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C159	067T 3051013CT	EC 100uF 16V KM 6.3x11mm	9JR6700000018
C160	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C161	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C162	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C164	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C166	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C167	067T 3112203ET	EC SMD 22uF 16V RVL 4x5.5mm	9JR6700000071
C168	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C169	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C170	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C171	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C173	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C175	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C200	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C201	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C202	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C203	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C204	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C205	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C206	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C207	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C208	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C209	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C210	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C211	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C212	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C213	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C214	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C215	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C216	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C217	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C218	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C219	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C220	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C221	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C222	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C229	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C230	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C231	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C232	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C233	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C234	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C235	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C236	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036

C238	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C239	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C240	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C241	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C242	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C243	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C244	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C245	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C246	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C247	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C248	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C249	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C251	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C252	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C254	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C255	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C256	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C258	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C259	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C260	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C261	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C262	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C263	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C264	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C265	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C266	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C267	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C268	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C269	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C270	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C271	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C272	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C273	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C274	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C275	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C276	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C277	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C278	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C279	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C280	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C281	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C282	065T040210031J 3	CAP CHIP 0402 10P 50V NPO +/-5%	9JR6500000116
C283	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C284	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C285	065T060347312K Y	CAP CHIP 0603 47N 16V X7R +/-10%	9JR6500000059
C286	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C287	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C290	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C292	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C293	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C302	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C303	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C304	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C305	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C306	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C307	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C308	065T060310221J Y	CAP CHIP 0603 1NF J 25V MPO	9JR6500000027
C309	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C310	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C311	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C318	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C319	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C321	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C322	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C323	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C324	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C325	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C326	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C327	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C329	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C330	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C350	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C351	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C352	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043

C353	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C354	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C355	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C356	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C357	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C358	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C359	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C360	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C361	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C362	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C363	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C364	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C365	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C366	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C367	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C368	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C369	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C370	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C371	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C372	067T 3051013CT	EC 100uF 16V KM 6.3x11mm	9JR6700000018
C373	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C374	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C375	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C376	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C377	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C378	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C379	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C380	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C381	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C382	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C383	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C384	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C385	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C386	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C390	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C393	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C395	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C396	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C397	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C398	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C400	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C401	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C402	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C403	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C404	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C405	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C406	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C407	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C408	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C409	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C410	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C411	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C412	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C413	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C414	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C415	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C416	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C417	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C418	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C419	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C420	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C421	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C422	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C423	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C424	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C425	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C427	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C428	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C429	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C430	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C431	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C432	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C433	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C434	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025

C435	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C436	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C437	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C438	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C439	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C500	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C501	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C502	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C503	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C504	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C505	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C506	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C507	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C508	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C509	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C510	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C511	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C512	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C513	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C514	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C515	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C516	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C517	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C518	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C519	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C520	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C521	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C522	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C523	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C541	065T060322031J Y	CAP CHIP 0603 22PF J 50V NPO	9JR6500000134
C542	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C546	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C547	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C550	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C551	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C552	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C553	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C554	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C555	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C556	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C557	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C558	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C559	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C560	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C561	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C562	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C563	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C564	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C565	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C567	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C568	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C569	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C570	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C571	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C572	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C573	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C574	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C575	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C576	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C577	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C580	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C581	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C582	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C585	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C587	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C588	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C589	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C590	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C591	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C592	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C593	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C596	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C597	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C598	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015

C599	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C600	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C601	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C602	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C603	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C604	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C605	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C606	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C607	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C608	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C609	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C610	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C611	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C612	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C613	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C614	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C615	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C616	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C617	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C618	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C619	067T 3111003ET	EC SMD 10uF 16V VEJ 4x5.3mm	9JR6700000067
C620	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C621	065T080547412K 3	CAP CHIP 0805 470N 16V X7R +/-10%	9JR6500000088
C622	067T215A1017CT	EC 100uF 50V GF 8*12mm	9JR6700000083
C623	067T 305471 7C	EC 470uF 50V KM 10x20mm	9JR6700000065
C624	067T 3052214CT	EC 220UF/25V KM 8*11mm	9JR6700000061
C625	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C626	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C627	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C628	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C629	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C630	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C631	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C632	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C633	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C634	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C635	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C636	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C637	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C638	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C639	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C640	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C641	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C642	067T 3054704CT	EC 47uF 25V KM 5x11mm	9JR6700000027
C643	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C644	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C645	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C646	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C647	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C648	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C649	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C650	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C651	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C652	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C653	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C654	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C655	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C656	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C657	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C658	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C659	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C660	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C661	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C662	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C663	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C664	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C665	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C666	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C667	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C668	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C669	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C670	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C671	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C672	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077

C674	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C676	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C677	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C678	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C679	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C680	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C681	065T060333031J Y	CAP CHIP 0603 33PF J 50V NPO	9JR6500000049
C682	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C683	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C684	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C685	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C686	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C687	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C688	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C689	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C690	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C691	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C692	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C693	067T 3111003ET	EC SMD 10uF 16V VEJ 4x5.3mm	9JR6700000067
C696	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C697	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C698	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C700	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C701	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C702	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C703	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C704	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C705	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C706	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C707	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C708	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C709	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C710	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C711	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C712	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C713	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C714	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C715	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C716	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C717	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C718	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C719	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C721	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C722	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C750	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C751	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C752	067T 3114704ET	EC SMD 47U 25V VGA 6.3x5.7mm	9JR6700000074
C753	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C754	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C755	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C756	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C757	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C758	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
CN100	033T3802 12	WAFER PH-12	9JR3300000024
CN390	033T3802 4 X	CONNECTOR	9JR3300000020
CN391	033T3802 5	AUDIO IN	9JR3300000022
CN392	033T3802 3E FP	WAFER 2.0MM 3P 63043	9JR3300000006
CN400	088T 500902 P	PCMCIA CONN. CPC-BTRCVDB0-S02-H	9JR8800000027
CN500	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN501	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN552	088T 78 13A36 YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02	9JR8800000019
CN553	088T 78 13A35 YG	RCA JACK 1*3 W/R/B V/A RCA-346D-01	9JR8800000018
CN554	088T 35315F FX	D-SUB 15PIN FEMALE VERTICAL 附螺絲	9JR8800000025
CN555	088T 30252S	PHONE JACK 3.5mm 3P V/A GREEN	9JR8800000022
CN556	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	9JR8800000020
CN600	033T3802 2	WAFER EH-2	9JR3300000018
CN601	033T3802 3 FP	WAFER 2.0MM 3P 63383	9JR3300000002
CN602	088T 302912 S	PHONE JACK 3.5mm 7P BLACK 2SJ1508-001111	9JR8800000023
CN650	088T 78 13A39 YG	S JACK + RCA JACK 1*3 Y/W/R RCA-333S-010	9JR8800000021
CN700	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN701	088T 340 19 SR	HDMI HEADER 19P 2HE-51U1-G11	9JR8800000012
CN702	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN750	033T8033 40 FP	CON. V 2*20P M 1.25 SM 60949	9JR3300000014
D100	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054

D101	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D150	093T 6490452T	DIODE RGP15D DO-41	9JR9300000007
D390	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D391	093T 64 33	BAV99 SOT-23	9JR9300000044
D392	093T 64 33	BAV99 SOT-23	9JR9300000044
D500	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D501	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D502	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D503	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D504	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D505	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D506	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D507	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D508	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D509	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D510	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D511	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D512	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D553	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D554	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D555	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D556	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D557	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D560	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D561	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D562	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D563	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D564	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D565	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D566	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D567	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D568	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D569	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D570	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D571	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D600	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D601	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D602	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D603	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D604	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D605	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D607	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D650	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D651	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D652	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D653	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D654	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D655	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D656	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D657	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D658	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D659	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D660	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D661	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D700	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D701	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D702	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D703	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D704	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D705	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D706	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D707	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D708	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D709	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
FB100	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB101	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB150	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB200	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB201	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB202	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB203	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB204	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB230	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB231	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011

FB232	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB233	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB234	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB300	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB301	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB302	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB321	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB322	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB323	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB390	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB400	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB401	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB402	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB403	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB404	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB566	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB567	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB600	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB601	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB602	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB603	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB604	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB605	071T 55 19 T	FERRITE BEAD D9X3. 5X0.8	9JR7100000015
FB606	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB607	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB700	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB701	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB702	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB750	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB751	071T 56D221 T	CHIP BEAD 220R/3000mA MPZ2012S221A	9JR7100000010
FB752	071T 56D221 T	CHIP BEAD 220R/3000mA MPZ2012S221A	9JR7100000010
FB753	071T 56D221 T	CHIP BEAD 220R/3000mA MPZ2012S221A	9JR7100000010
FB754	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
L101	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L102	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L300	073T 63828 T	CHIP INDUCROR 0U82 10% MLF1608DR82K	9JR7300000007
L500	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L501	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L502	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L503	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L504	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L505	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L550	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L551	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L552	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L554	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L556	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L558	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L561	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L562	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L563	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L564	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L565	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L600	073T 259902 T	CHOKE 33uH 10% TSL0808RA-330K1R4	9JR7300000024
L601	073T 259902 T	CHOKE 33uH 10% TSL0808RA-330K1R4	9JR7300000024
L650	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L652	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L653	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L654	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L655	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L656	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L657	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L700	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L701	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
Q100	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q101	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q103	057T 763900	FET SI3441BDV TSOP-6	9JR5700000020
Q104	057T 7631PH	SI5441DC 1206-8	9JR5700000019
Q106	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q108	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q109	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q150	057T 7631PH	SI5441DC 1206-8	9JR5700000019
Q151	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q200	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028

Q201	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q202	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q203	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q301	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q400	057T 763 50	FET ME2301 -2.8A/-20V SOT-23	9JR5700000036
Q401	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC	9JR5700000024
Q500	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q550	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q600	057T 477904 T	TRA BC847BW 100mA/45V SOT-323	9JR5700000012
Q601	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q606	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q607	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q608	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q609	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q610	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q611	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q612	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q613	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q614	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q615	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q616	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q700	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q701	057T 763910	FET 2SK1828 TO-236MOD	9JR5700000022
Q702	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q703	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q704	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q705	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q706	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q707	057T 763910	FET 2SK1828 TO-236MOD	9JR5700000022
Q750	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q751	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
R100	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R101	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R102	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R103	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R104	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R106	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R107	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R111	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R113	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R114	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R115	061T06032201FY	RST CHIPR 2.2KOHM +-1% 1/10W YAGEO	9JR6100000237
R117	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R119	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R122	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R123	061T06031101FY	RST CHIPR 1.1KOHM +-1% 1/10W YAGEO	9JR6100000217
R124	061T06032400FY	RST CHIPR 240 OHM +-1% 1/10W YAGEO	9JR6100000240
R125	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R126	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R127	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R128	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R130	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R135	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R136	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R138	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R141	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R144	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R149	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R150	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R151	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R152	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R155	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R157	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R158	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R159	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R162	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R163	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R164	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R165	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R167	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R200	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R201	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R202	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R204	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060

R207	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R208	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R209	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R210	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R211	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R212	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R213	061T06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO	9JR6100000121
R214	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R215	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R216	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R227	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R228	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R229	061T06031500FY	RST CHIPR 150 OHM +-1% 1/10W YAGEO	9JR6100000223
R230	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R231	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R232	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R233	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R234	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R235	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R236	061T06031600FY	RST CHIPR 160 OHM +-1% 1/10W YAGEO	9JR6100000226
R237	061T06032200FY	RST CHIPR 220 OHM +-1% 1/10W YAGEO	9JR6100000235
R238	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R239	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R241	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R242	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R244	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R245	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R251	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R253	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R254	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R258	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R259	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R265	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R268	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R300	061T06031001FY	RST CHIPR 1KOHM +-1% 1/10W YAGEO	9JR6100000064
R301	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R302	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R303	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R304	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R306	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R307	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R314	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103
R315	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R316	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R317	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R319	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R320	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R322	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R325	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R326	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R331	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R336	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R341	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R350	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R351	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R352	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R353	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R354	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R355	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R357	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R358	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R359	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R360	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R361	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R362	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R363	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R365	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R366	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R367	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R370	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R372	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R374	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R375	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R384	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103

R385	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R386	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R388	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R389	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R393	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R394	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R395	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R396	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R397	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R398	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R399	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R400	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R401	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R403	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R404	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R405	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R406	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R407	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R408	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R410	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R411	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R412	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R413	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R414	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R415	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R417	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R419	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R421	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R424	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R425	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R426	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R427	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R432	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R433	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R434	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R435	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R436	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R437	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R438	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R439	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R500	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R501	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R502	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R504	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R505	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R506	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R507	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R508	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R509	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R511	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R512	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R513	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R514	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R515	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R516	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R517	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R518	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R519	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R520	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R521	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R522	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R523	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R524	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R525	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R526	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R527	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R528	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R529	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R530	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R531	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R532	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R533	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R534	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R535	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053

R536	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R537	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R550	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R551	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R552	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R553	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R554	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R555	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R556	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R557	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R558	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R559	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R561	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R563	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R565	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R567	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R568	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R570	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R572	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R575	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R576	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R577	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R578	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R579	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R580	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R581	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R582	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R583	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R584	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R585	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R586	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R587	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R588	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R589	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R590	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R591	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R592	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R593	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R594	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R595	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R596	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R597	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R598	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R600	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R601	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R602	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R603	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R604	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R606	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R607	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R608	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R609	061T0603104 Y	RST CHIPR 100KOHM +-5% 1/10W YAGEO	9JR6100000074
R610	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R611	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R612	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R613	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R615	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R616	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R617	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R618	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R619	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R620	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R621	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R622	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R623	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R624	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R625	061T0805100 Y	RST CHIPR 10 OHM +-5% 1/8W YAGEO	9JR6100000256
R626	061T06031302FY	RST CHIPR 13KOHM +-1% 1/10W YAGEO	9JR6100000221
R627	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R628	061T06031302FY	RST CHIPR 13KOHM +-1% 1/10W YAGEO	9JR6100000221
R629	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R631	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R632	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160
R633	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040

R634	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R635	061T0402393 Y	RST CHIP 39K 1/16W 5%	9JR6100000052
R636	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R637	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160
R638	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R639	061T06031302FY	RST CHIPR 13KOHM +-1% 1/10W YAGEO	9JR6100000221
R640	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R641	061T06031302FY	RST CHIPR 13KOHM +-1% 1/10W YAGEO	9JR6100000221
R642	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R643	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R644	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R645	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R646	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R647	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R648	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R649	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R650	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R651	061T06031800FY	RST CHIPR 180 OHM +-1% 1/10W YAGEO	9JR6100000227
R652	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R653	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R654	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R655	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R656	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R657	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R659	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R660	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R661	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R662	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R663	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R664	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R665	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R666	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R667	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R668	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R669	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R670	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R671	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R672	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R673	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R675	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R677	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R678	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R679	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R680	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R682	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R683	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R684	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R685	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R686	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R687	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R688	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R689	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R690	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R691	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R692	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R693	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R694	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R695	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R696	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R697	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R699	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R700	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R701	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R702	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R703	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R704	061T0402273 Y	RST CHIP 27K 1/16W 5%	9JR6100000049
R705	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R706	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R707	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R710	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R711	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R712	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R713	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R714	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040

R715	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R717	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R718	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R720	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R721	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R722	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R723	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R724	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R725	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R726	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R728	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R729	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R730	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R731	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R732	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R733	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R734	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R735	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R736	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R737	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R738	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R740	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R741	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R742	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R743	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R744	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R745	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R746	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R751	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R755	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R758	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R759	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R760	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R761	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R764	061T0603202 Y	RST CHIPR 2KOHM +-5% 1/10W YAGEO	9JR6100000087
R765	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
RN230	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN231	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN232	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RP350	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP351	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP352	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP353	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
U102	056T 563928	IC LP2996MRX PSOP-8	9JR5600000012
U103	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U104	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U151	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U152	056T 563129	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	9JR5600000033
U153	056T 563951	IC LD1117ADT-TR DPAK	9JR5600000034
U154	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U156	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U157	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U158	056T 1331PH	LD1117S18 SOT-223	9JR5600000027
U231	056T 647 25	IC MT5133AN QFN-48	9JR5600000045
U302	056T 643 35	IC MAX809STRG 2.93V SOT23-3	9JR5600000022
U351	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U352	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U400	056T 562932	IC MT5337PKR PBGA-465	9JR5600000031
U401	056T1126 40	IC MT8295AE LQFP-128	9JR5600000049
U550	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U600	056T 616912	IC TDA8933BTW HTSSOP32	9JR5600000019
U601	056T 616517	IC TS486IDT ST	9JR5600000040
U602	056T 647903	IC WM8521H9GED/RV SOIC-14	9JR5600000046
U603	056T 616914	IC RC4580IPWR TSSOP8	9JR5600000042
U604	056T 133 22 ST	IC L78L09ACZ-AP TO-92	9JR5600000026
U700	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U701	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U708	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
X300	093T 22S917 C	CRYSTAL 60MHz 9P SMD-49	9JR9300000009
X400	093T 22S921 C	CRYSTAL 27MHz 20P SMD-5.0x3.2	9JR9300000048
Y230	093T 22S920 C	CRYSTAL 27MHz 20P SMD-49	9JR9300000047
ZD200	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD500	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD501	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015

ZD502	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD503	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD504	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD505	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD506	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD507	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD508	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD509	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD510	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD511	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD512	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD513	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD550	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD551	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD552	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD553	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD554	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD555	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD556	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD557	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD558	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD559	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD560	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD561	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD562	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD563	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD650	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD651	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD652	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD653	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD654	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD655	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD656	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD657	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD658	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD659	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD660	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD661	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD702	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
ZD703	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
ZD704	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
Power PCB 1054	ADTV92428PA1	POWER PCB ASSY	
BD901	093T 50460909	BRIDGE GBJ1508 15A/800V	9JR9300000041
C900	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C901	065T306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000105
C902	065T306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000105
C903	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C907	067T 4022115E	EC 220uF 450V LSG 35x30mm	9JR6700000058
C908	063T107K684 U	X2 CAP 0.68uF K 275VAC	9JR6300000001
C909	063T107K684 U	X2 CAP 0.68uF K 275VAC	9JR6300000001
C910	063T210J1044CC	CAP MPP 100NF 630V 5%	9JR6300000003
C912	065T080522517Z Y	CAP CHIP 0805 2.2UF Z 16V Y5V	9JR6500000082
C913	065T080510232K Y	CAP CHIP 0805 1NF K 50V X7R	9JR6500000065
C915	065T080547131J Y	CAP CHIP 0805 470PF J 50V NPO	9JR6500000087
C916	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C918	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C920	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C922	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C923	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C924	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C925	065T080510231J Y	CAP CHIP 0805 1NF J 50V NPO	9JR6500000063
C926	065T 1K1529AT	C CAP. 1500PF 1KV	9JR6500000112
C927	065T080533232K Y	CAP CHIP 0805 3300PF K 50V X7R	9JR6500000084
C928	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C929	065T 1K3319AT	C CAP. 330PF 1KV RR	9JR6500000114
C930	065T 1K2219AT	C CAP. 220PF 1KV	9JR6500000113
C931	065T 1K2219AT	C CAP. 220PF 1KV	9JR6500000113
C932	065T080510332K Y	CAP CHIP 0805 10NF K 50V X7R	9JR6500000068
C933	065T120633432K 3	CAP CHIP 330N 50V X7R +/- 10%	9JR6500000159
C934	067T 305470 4T	105℃ RADIAL E-CAPACTOR 47uF 25V	9JR6700000026
C935	063T214J155GMU	CAP MPPB 1U5 450V 5%	9JR6300000009
C936	067T 305470 4T	105℃ RADIAL E-CAPACTOR 47uF 25V	9JR6700000026

C937	065T080510332K Y	CAP CHIP 0805 10NF K 50V X7R	9JR6500000068
C939	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C940	064T 47J1031AT EU	F/C PPN 10N 100V 5%	9JR6400000002
C941	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C942	065T080510332K Y	CAP CHIP 0805 10NF K 50V X7R	9JR6500000068
C945	065T517K1524AT	C CAP. 1500PF 500V 10% RC	9JR6500000109
C951	067T 515681 7C	EC 680UF 50V GF 13*25mm	9JR6700000082
C952	067T 515681 7C	EC 680UF 50V GF 13*25mm	9JR6700000082
C955	067T 515272 3C	EC 2700UF 16V GF 13*25mm	9JR6700000080
C956	067T 515102 4C	ELCAP 1000UF M 25V 105℃ CAPXON	9JR6700000079
C959	067T 315220 7K	EC 22uF 50V EG1H220MNN0511PU 5*11mm	9JR6700000077
C966	067T 3051007ET	EC 10uF 50V RGA 5x11 mm	9JR6700000006
C967	067T 3051017CT	EC 100uF 50V KM 8x11.5mm	9JR6700000020
C968	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C969	067T 3053307CT	EC 33uF 50V KM 6.3x11mm	9JR6700000024
C970	067T 3051007ET	EC 10uF 50V RGA 5x11 mm	9JR6700000006
CN901	087T 501907 S	AC SOCKET V 3P ST-01DR-BBBS-3000	9JR8700000002
CN902	095T801412F920	HARNESS 12P-12P 180mm 75259	9JR9500000015
CN903	095G 82513F914	HARNESS 13P-12P 770mm 75390	9JR9500000057
CN905	095G 82513F913	HARNESS 13P-14P 150mm 75389	9JR9500000058
D901	093T 60298	DIODE SBT15006JST 15A/60V TO-220ML(LS)	9JR9300000043
D902	093T 60298	DIODE SBT15006JST 15A/60V TO-220ML(LS)	9JR9300000043
D903	093T 52 56	DIODE FMN-1106S 10A/600V TO-220	9JR9300000020
D908	093T102050152T	RGP10D	9JR9300000031
D924	093T108090052T	DIODE UG1006 1A 800V DO-41	9JR9300000032
D927	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D928	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D930	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D931	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D932	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D933	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D936	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D937	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
D938	093T 6450752T	DIODE BAV21 PHILIPS	9JR9300000027
F901	084T 41 6 C	FUSE 6.3A 250V,Time Lag Fuse	9JR8400000002
FB903	071T 55 8	FERRITE BEAD	9JR7100000004
FB904	071T 55 8	FERRITE BEAD	9JR7100000004
FB919	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
FB920	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
FB921	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
FB922	071T 55906	FERRITE CORE 510R C8B R6H 6x9.2(A)	9JR7100000006
FB923	071T 55906	FERRITE CORE 510R C8B R6H 6x9.2(A)	9JR7100000006
FB964	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
HBD901	P90T0052101	HEAT SINK	9JR9000000001
HD901	P90T0027301	HEAT SINK	9JR9000000002
HD902	P51T 13001	GREASE SILICONE DC4	9JR5100000001
HD903	P90T0012 1	HEATSINK(10*18*20)	9JR9000000003
HD927	P90T0012 1	HEATSINK(10*18*20)	9JR9000000003
HD928	P90T0012 1	HEATSINK(10*18*20)	9JR9000000003
HQ902	P90T0011401	HEAT SINK	9JR9000000004
HQ919	P90T0027201	HEAT SINK	9JR9000000005
IC901	056T 665 10 1	IC RESONANT L6599DTR SO-16N ST	9JR5600000024
IC902	056T 379901	IC SG6961	9JR5600000008
IC903	056T 581 7	IC TNY277PN DIP-8C	9JR5600000015
IC909	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC910	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC911	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC913	056T 158901	IC TL431ACZ-AP TO92	9JR5600000007
IC914	056T 158901	IC TL431ACZ-AP TO92	9JR5600000007
J928	061T1206000	RST CHIP MAX 0R05 1/4W	9JR6100000156
L901	073T 174914 LS	LINE FILTER 11mH 3.5A FPH6001AL	9JR7300000009
L902	073T 174915 L	LINE FILTER 8mH 4.0A LF-006013-4	9JR7300000011
L903	080TL42T917 LS	XFMR 270uH QPH7005AL	9JR8000000001
L906	073T 253A02 H	CHOKE COIL 2.4uH+/-20% 8.0A LB2R4 HA	9JR7300000023
L907	073T 253A01 H	CHOKE COIL 2.3uH+/-20% 5.0A LB2R3 HA	9JR7300000022
L908	073T 253 91 H	CHOKE COIL	9JR7300000012
L909	073T 253A01 H	CHOKE COIL 2.3uH+/-20% 5.0A LB2R3 HA	9JR7300000022
Q902	057T 667 54	TRA STW21NM60N 17A/650V TO-247	9JR5700000015
Q915	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q916	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q917	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q918	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q919	057T 611 9	FET 2SK4097LS 9.5A/500V TO-220FI(LS)	9JR5700000031
Q920	057T 611 9	FET 2SK4097LS 9.5A/500V TO-220FI(LS)	9JR5700000031

Q922	057T 420903 T	TRA BC327 800mA/45V TO-92	9JR5700000030
Q923	057T 420519 T	BC857C	9JR5700000029
Q924	057T 420519 T	BC857C	9JR5700000029
R913	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W	9JR6100000145
R915	061T0805473 Y	RST CHIPR 47KOHM +-5% 1/8W YAGEO	9JR6100000152
R916	061T0805153 Y	RST CHIPR 15KOHM +-5% 1/8W YAGEO	9JR6100000136
R917	061T 60212352T TZ	RST CFR 12K 1/6W 5%	9JR6100000024
R918	061T0805683	RST CHIPR 68 KOHM +-5% 1/8W	9JR6100000155
R919	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R920	061T 60210352T TZ	RST CFR 10K 1/6W 5%	9JR6100000020
R921	061T 60222552T TZ	RST CFR 2M2 1/6W 5%	9JR6100000026
R924	061G208M18852T	RST MOF 0R18 5% 1W	9JR6100000014
R926	061G208M18852T	RST MOF 0R18 5% 1W	9JR6100000014
R928	061T 60227252T TZ	RST CFR 2K7 1/6W 5%	9JR6100000028
R929	061T0805473	RST CHIPR 47 KOHM +-5% 1/8W	9JR6100000151
R930	061T1206472	RST CHIPR 4.7 KOHM +-5% 1/4W	9JR6100000168
R932	061T 60233152T TZ	RST CFR 330R 1/6W 5%	9JR6100000030
R936	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W	9JR6100000128
R937	061T0805220 1F	RST CHIPR 2.2KOHM +-1% 1/8W	9JR6100000140
R938	061T0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	9JR6100000150
R939	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R940	061T0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W	9JR6100000133
R941	061T0805150 2F	RST CHIPR 15 KOHM +-1% 1/8W	9JR6100000134
R943	061T 60247152T TZ	RST CFR 470R 1/6W 5%	9JR6100000034
R944	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W	9JR6100000125
R945	061T0805180 1F	RST CHIPR 1K8 OHM +-1% 1/8W	9JR6100000137
R946	061T 60210352T TZ	RST CFR 10K 1/6W 5%	9JR6100000020
R947	061T0805390 2F	RST CHIPR 39 KOHM +-1% 1/8W	9JR6100000148
R949	061T0805332	RST CHIPR 3.3 KOHM +-5% 1/8W	9JR6100000144
R952	061T0805220	RST CHIPR 22 OHM +-5% 1/8W	9JR6100000139
R953	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W	9JR6100000128
R954	061T0805150 2F	RST CHIPR 15 KOHM +-1% 1/8W	9JR6100000134
R955	061T 60233252T TZ	RST CFR 3K3 1/6W 5%	9JR6100000032
R956	061T0805680	RST CHIP 68R 1/8W 5%	9JR6100000153
R957	061T0805680	RST CHIP 68R 1/8W 5%	9JR6100000153
R958	061T0805333 Y	RST CHIPR 33KOHM +-5% 1/8W YAGEO	9JR6100000264
R959	061T1206104 Y	RST CHIPR 100KOHM +-5% 1/4W YAGEO	9JR6100000273
R960	061T1206104 Y	RST CHIPR 100KOHM +-5% 1/4W YAGEO	9JR6100000273
R961	061T1206104 Y	RST CHIPR 100KOHM +-5% 1/4W YAGEO	9JR6100000273
R962	061T0805243	RST CHIPR 24 KOHM +-5% 1/8W	9JR6100000142
R963	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W	9JR6100000128
R965	061T1206471	RST CHIPR 470 OHM +-5% 1/4W	9JR6100000167
R966	061T0805222	RST CHIPR 2.2 KOHM +-5% 1/8W	9JR6100000141
R967	061T0805105	RST CHIPR 1 MOHM +-5% 1/8W	9JR6100000129
R968	061T1206471	RST CHIPR 470 OHM +-5% 1/4W	9JR6100000167
R969	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	9JR6100000161
R970	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	9JR6100000161
R971	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	9JR6100000161
R972	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R973	061T08058200FY	RST CHIP 820R 1/8W 1%	9JR6100000270
R974	061T1206225	RST CHIPR 2.2 MOHM +-5% 1/4W	9JR6100000166
R975	061T1206225	RST CHIPR 2.2 MOHM +-5% 1/4W	9JR6100000166
R976	061T1206220	RST CHIPR 22 OHM +-5% 1/4W	9JR6100000164
R977	061T1206225	RST CHIPR 2.2 MOHM +-5% 1/4W	9JR6100000166
R978	061T0805124	RST CHIPR 120 KOHM +-5% 1/8W	9JR6100000132
R979	061T0805361	RST CHIPR 360 OHM +-5% 1/8W	9JR6100000147
R980	061T0805474	RST CHIPR 470 KOHM +-5% 1/8W	9JR6100000267
R981	061T0805682 Y	RST CHIPR 6.8KOHM +-5% 1/8W YAGEO	9JR6100000269
R982	061T0805101	RST CHIPR 100 OHM +-5% 1/8W	9JR6100000126
R983	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R984	061T0805331 Y	RST CHIPR 330 OHM +-5% 1/8W YAGEO	9JR6100000143
R985	061T 60247252T TZ	RST CFR 4K7 1/6W 5%	9JR6100000036
R986	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R987	061T 60210452T TZ	RST CFR 100K 1/6W 5%	9JR6100000022
R988	061T0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	9JR6100000150
R989	061T 60247252T TZ	RST CFR 4K7 1/6W 5%	9JR6100000036
R990	061T0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	9JR6100000150
R991	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	9JR6100000149
RV902	061T 46902	VARISTOR 510V TVR14511KFC4FY	9JR6100000181
RV904	061T 46902	VARISTOR 510V TVR14511KFC4FY	9JR6100000181
SG1	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG2	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG3	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG4	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003

T904	080TL42T916 L	XFMR 950uH PT-009601-3	9JR8000000003
T905	080TL42T923 L	XFMR 2.5mH PT-009983	9JR8000000005
TH901	061T 58905 WT	NTC 0R75 15% SCK100R75MSY001 BY THINKING	9JR6100000184
ZD910	093T 3990252T	DIODE BZX79-C15 DO-35	9JR9300000039
ZD911	093T 3919352T	TVS P6KE160A DO-15	9JR9300000038
ZD912	093G 3990752T	DIO REG BZX79-C5V1 A (PHSE) A	9JR9300000034
ZD913	093G 3992152T	DIODE BZX79-C9V1 DO-35	9JR9300000035
ZD914	093T 39S917 T	DIODE BZX84-C20 SOT-23	9JR9300000017
ZD915	093T 39S917 T	DIODE BZX84-C20 SOT-23	9JR9300000017
ZD916	093T 39S917 T	DIODE BZX84-C20 SOT-23	9JR9300000017
IR PCB 1056	IRPF8PB7	IR PCB ASSY	
C001	065T0603105A7Z Y	CAP CHIP 0603 1U 10V Y5V -20%+80%	9JR6500000046
C002	065T060310337Z Y	CAP CHIP 0603 10N 50V Y5V -20%+80%	9JR6500000033
C004	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
CN001	033T8032 5R H X	CON H 5P M 1.25 S1315-05RVA-1C	9JR3300000030
LED001	081T 14908 KB	LED SM KPB-3025SURKCGKC	9JR8100000001
Q001	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q002	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
R001	061T0603511 Y	RST CHIPR 510 OHM +-5% 1/10W YAGEO	9JR6100000249
R002	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R004	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R006	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R007	061T0603272 Y	RST CHIPR 2.7KOHM +-5% 1/10W YAGEO	9JR6100000098
R008	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
U001	056T 627902	IC TSOP34438ST1	9JR5600000021
Key PCB 1057	KEPF8PB2	KEY BOARD	
C023	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C024	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
CN016	033T3802 4 H X	WAFER 4P RIGHT ANGLE PITCH 2.0	9JR3300000019
R016	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R017	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R018	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
R019	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R020	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R021	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R022	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
SW016	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW017	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW018	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW019	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW020	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW021	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW022	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001

Model: LC-32SB25E(CMO)			
Item	**Code number**	**Description**	**Sharp C/N**
Mechanical Parts			
30	705TP834025	BEZEL ASSY	9JR7050000014
35	705TP833007	KEY PAD ASSY	9JR7050000011
40	705TP834026	REAR COVER ASSY	9JR7050000015
50	705TP837008	BASE ASSY	9JR7050000018
60	705TP837009	BASE STAND ASSY	9JR7050000019
1185	078T 495902 1M	Speaker 8ohm/6W 120mmX30mm	9JR7800000002
1186	078T 495902 1M	Speaker 8ohm/6W 120mmX30mm	9JR7800000002
Accessory			
1172	089T404A18NHT2	POWER CORD 1.8M 4L4L-040-00K	9JR8900000003
1176	098TRABD5NESHC	REMOTE CONTROL RL57S	9JR9800000002
	705TZ841028	DFU ASSY	9JR7050000023
	705TZ841031	DFU ASSY	9JR7050000024
Packing			
451	705TZ8CS008	Cushion_Assy	9JR7050000027
450	P44TJ017843 1A	CARTON	9JR4400000013
miscellanea			
98	0Q1T 930 8 47 CR3	SCREW	9JR0100000007
99	0M1T 940 16 47 CR3	SCREW M4X6	9JR0100000002
100	0Q1T 940 16 47 CR3	SCREW	9JR0100000020
101	0M1T 940 8120	SCREW	9JR0100000017
102	0Q1T1040 8120	SCREW	9JR0100000010
104	0M1T1730 8106 CR3	SCREW	9JR0100000019
105	0M1T1140 6120	SCREW 4*6MM	9JR0100000003
106	0M1T 330 6 47 CR3	SCREW	9JR0100000001
108	052T 1211551	AL FOIL (30x100mm) (CMO)	9JR5200000003
111	0Q1T1830 12 47 CR3	SCREW_THW K30x12 PT W=8.5	9JR0100000022
112	0Q1T 330 5120	SCREW	9JR0100000006
126	P40TJV0084336A	RATING LABEL	9JR4000000027
127	P40TA00081328A	FAMILY SHEET- SERVICE	9JR4000000004
130	P40TJ00084384A	CARTON LABEL	9JR4000000026
137	P40TN00084342B	LABEL_SIDE_IO	9JR4000000021
143	P45T 48005 1A	P.E. BAG(100 X 70)	9JR4500000003
144	P41TN025843 1C	QSG-1 (Western & North Europe)	9JR4100000008
145	P41TN026843 1B	QSG-2 (Eastern Europe & Russia)	9JR4100000009
455	P45T 46024	PE BAG(950X735x0.72mm)	9JR4500000006
8390	095T8014 4F927	HARNESS 4P-4P 520mm 75267	9JR9500000009
8391	095T8014 5F914	HARNESS 5P-5P 380mm 75266	9JR9500000012
8600	095T8013 2FA16	Harness 2P-FAST*2 440mm 76823	9JR9500000024
8601	095T8013 3FA06	Harness 3P-FAST*2 820mm 76824	9JR9500000025
8750	095T8018 30962 FP	HARNESS 30P-20*2P 150mm 75199	9JR9500000020
8902	095T801412FA15	Harness 12P-12P 115mm 76810	9JR9500000031
8903	095T801414F923	HARNESS 14P-13P 160mm 75264	9JR9500000018
LCD panel			
1050	750TVMM5B1113N	PANEL V315B1-L01 C2 NH CMO	9JR7500000003
PCB assy			
1053	CBPF82MBPN	Main Pcb Assy SHARP 32"CMO	9JR9900000008
1054	ADTV82420PA3	POWER PCB ASSY	9JR9900000005
1056	IRPF8PB7	IR PCB ASSY	9JR9900000009
1057	KEPF8PB2	KEY BOARD	9JR9900000010
Main PCB 1053 CBPF82MBPN Main Pcb Assy SHARP 32"CMO			
TU200	094TPASEBGL 3M	TUNER ENG37E14KRF	9JR9400000002
1262	705TP856109	NOR FLASH ASSY (U390)	9JR7050000033
1302	705TP856108	Serial IIC EEPROM ASSY (CMO-Panasonic)	9JR7050000032
C101	067T 3051013LT	EC 100uF 16V RGA 6.3x11mm	9JR6700000059
C102	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C104	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C105	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C106	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C107	067T 215471 3C	EC 470uF 16V GF 8x16mm	9JR6700000004
C108	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C109	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036

C110	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C111	067T 5153313CT	EC 330UF 16V GF 8*16mm	9JR6700000040
C112	067T 5153313CT	EC 330UF 16V GF 8*16mm	9JR6700000040
C114	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C117	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C118	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C119	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C121	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C123	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C124	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C125	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C126	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C127	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C128	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C129	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C132	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C150	067T 3051013LT	EC 100uF 16V RGA 6.3x11mm	9JR6700000059
C151	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C152	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C153	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C154	067T 5153313CT	EC 330UF 16V GF 8*16mm	9JR6700000040
C158	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C159	067T 3051013LT	EC 100uF 16V RGA 6.3x11mm	9JR6700000059
C160	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C161	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C162	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C163	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C164	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C165	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C166	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C167	067T511F1004CT	EC SMD 10U 25V MV 4x5.5mm	9JR6700000093
C168	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C169	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C170	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C171	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C172	067T 305471 6E	EC 470uF 35V RGA 10x16mm	9JR6700000030
C173	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C175	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C176	065T060310221J Y	CAP CHIP 0603 1NF J 25V MPO	9JR6500000027
C177	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C178	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C200	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C201	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C202	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C203	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C204	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C205	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C206	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C207	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C208	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C209	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C210	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C211	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C212	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C213	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C214	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C215	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C216	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C217	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C218	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C219	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C220	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C221	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C222	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C229	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C230	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C231	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C232	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C233	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C234	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C235	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C236	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C238	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C239	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036

C240	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C241	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C242	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C243	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C244	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C245	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C246	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C247	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C248	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C249	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C251	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C252	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C254	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C255	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C256	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C258	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C259	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C260	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C261	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C262	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C263	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C264	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C265	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C266	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C267	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C268	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C269	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C270	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C271	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C272	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C273	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C274	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C275	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C276	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C277	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C278	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C279	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C280	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C281	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C282	065T040210031J 3	CAP CHIP 0402 10P 50V NPO +/-5%	9JR6500000116
C283	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C284	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C285	065T060347312K Y	CAP CHIP 0603 47N 16V X7R +/-10%	9JR6500000059
C286	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C287	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C290	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C292	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C293	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C302	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C303	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C304	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C305	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C306	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C307	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C308	065T060310221J Y	CAP CHIP 0603 1NF J 25V MPO	9JR6500000027
C309	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C310	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C311	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C318	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C319	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C321	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C322	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C323	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C324	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C325	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C326	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C327	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C329	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C330	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C350	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C351	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C352	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C353	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C354	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014

C355	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C356	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C357	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C358	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C359	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C360	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C361	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C362	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C363	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C364	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C365	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C366	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C367	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C368	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C369	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C370	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C371	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C372	067T 3051013LT	EC 100uF 16V RGA 6.3x11mm	9JR6700000059
C373	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C374	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C375	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C376	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C377	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C378	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C379	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C380	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C381	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C382	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C383	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C384	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C385	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C386	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C390	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C393	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C395	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C396	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C397	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C398	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C400	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C401	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C402	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C403	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C404	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C405	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C406	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C407	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C408	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C409	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C410	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C411	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C412	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C413	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C414	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C415	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C416	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C417	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C418	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C419	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C420	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C421	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C422	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C423	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C424	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C425	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C427	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C428	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C429	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C430	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C431	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C432	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C433	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C434	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C435	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C436	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025

C437	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C438	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C439	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C500	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C501	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C502	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C503	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C504	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C505	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C506	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C507	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C508	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C509	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C510	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C511	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C512	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C513	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C514	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C515	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C516	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C517	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C518	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C519	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C520	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C521	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C522	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C523	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C541	065T060322031J Y	CAP CHIP 0603 22PF J 50V NPO	9JR6500000134
C542	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C546	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C547	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C550	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C551	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C552	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C553	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C554	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C555	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C556	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C557	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C558	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C559	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C560	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C561	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C562	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C563	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C564	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C565	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C567	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C568	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C569	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C570	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C571	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C572	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C573	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C574	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C575	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C576	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C577	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C580	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C581	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C582	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C585	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C587	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C588	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C589	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C590	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C591	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C592	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C593	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C596	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C597	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C598	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C599	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C600	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014

C601	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C602	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C603	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C604	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C605	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C606	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C607	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C608	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C609	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C610	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C611	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C612	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C613	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C614	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C615	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C616	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C617	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C618	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C619	067T511F1004CT	EC SMD 10U 25V MV 4x5.5mm	9JR6700000093
C620	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C621	065T080547412K 3	CAP CHIP 0805 470N 16V X7R +/-10%	9JR6500000088
C622	067T215D1017KT	EC CAP 100uF 50V 8*12mm	9JR6700000086
C623	067T305L471 7C	EC 470uF 50V KM 10x25mm	9JR6700000091
C624	067T 3052214CT	EC 220UF/25V KM 8*11mm	9JR6700000061
C625	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C626	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C627	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C628	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C629	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C630	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C631	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C632	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C633	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C634	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C635	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C636	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C637	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C638	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C639	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C640	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C641	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C642	067T215L4704CT	EC 47UF 25V KH 5x11 life 3000HR	9JR6700000089
C643	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C644	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C645	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C646	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C647	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C648	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C649	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C650	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C651	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C652	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C653	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C654	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C655	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C656	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C657	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C658	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C659	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C660	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C661	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C662	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C663	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C664	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C665	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C666	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C667	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C668	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C669	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C670	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C671	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C672	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C674	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C676	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125

C677	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C678	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C679	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C680	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C681	065T060333031J Y	CAP CHIP 0603 33PF J 50V NPO	9JR6500000049
C682	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C683	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C684	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C685	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C686	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C687	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C688	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C689	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C690	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C691	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C692	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C693	067T 3111003ET	EC SMD 10uF 16V VEJ 4x5.3mm	9JR6700000067
C696	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C697	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C698	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C700	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C701	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C702	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C703	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C704	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C705	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C706	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C707	067T 3052213CT	EC 220uF 16V KM 8x12mm	9JR6700000022
C708	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C709	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C710	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C711	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C712	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C713	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C714	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C715	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C716	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C717	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C718	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C719	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C721	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C722	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C750	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C751	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C752	067T 3114704ET	EC SMD 47U 25V VGA 6.3x5.7mm	9JR6700000074
C753	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C754	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C755	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C756	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C757	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C758	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
CN100	033T380212B Y FP	WAFER 2.0mm 12P 67032	9JR3300000029
CN390	033T3802 4 X	CONNECTOR	9JR3300000020
CN391	033T3802 5 FP	CONNECTOR	9JR3300000023
CN392	033T3802 3E FP	WAFER 2.0MM 3P 63043	9JR3300000006
CN400	088T 500902 P	PCMCIA CONN. CPC-BTRCVDB0-S02-H	9JR8800000027
CN500	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN501	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN552	088T 78 13A36 YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02	9JR8800000019
CN553	088T 78 13A35 YG	RCA JACK 1*3 W/R/B V/A RCA-346D-01	9JR8800000018
CN554	088T 35315FTNA	D-SUB CONN V 15P F (WITH SCREW UNLOCKED)	9JR8800000016
CN555	088T 302917 TN	PHONE JACK 3.5mm 3P V/T GREEN	9JR8800000011
CN556	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	9JR8800000020
CN600	033T3802 2B Y FP	WAFER 2.0mm 2P 67022	9JR3300000025
CN601	033T3802 3B Y FP	WAFER 2.0mm 3P 67023	9JR3300000026
CN602	088T 302912 TN	PHONE JACK 3.5mm 7P BLACK	9JR8800000024
CN650	088T 78 13A39 YG	S JACK + RCA JACK 1*3 Y/W/R RCA-333S-010	9JR8800000021
CN700	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN701	088T 340 19TNR	HDMI HEADER 19P 5300-519-281-E1	9JR8800000013
CN702	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN750	033T8033 40 FP	CON. V 2*20P M 1.25 SM 60949	9JR3300000014
D100	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D101	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D150	093T 6490452T	DIODE RGP15D DO-41	9JR9300000007

D151	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D390	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D391	093T 64 33	BAV99 SOT-23	9JR9300000044
D392	093T 64 33	BAV99 SOT-23	9JR9300000044
D500	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D501	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D502	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D503	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D504	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D505	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D506	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D507	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D508	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D509	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D510	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D511	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D512	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D553	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D554	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D555	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D556	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D557	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D560	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D561	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D562	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D563	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D564	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D565	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D566	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D567	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D568	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D569	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D570	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D571	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D600	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D601	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D602	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D603	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D604	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D605	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D607	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D650	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D651	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D652	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D653	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D654	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D655	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D656	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D657	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D658	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D659	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D660	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D661	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D700	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D701	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D702	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D703	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D704	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D705	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D706	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D707	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D708	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D709	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
FB100	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB101	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB200	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB201	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB202	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB203	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB204	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB230	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB231	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB232	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB233	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011

FB234	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB300	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB301	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB302	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB321	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB322	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB323	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB390	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB400	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB401	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB402	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB403	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB404	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB566	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB567	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB600	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB601	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB602	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB603	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB604	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB605	071T 55 19 T	FERRITE BEAD D9X3. 5X0.8	9JR7100000015
FB606	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB607	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB700	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB701	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB702	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB750	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB751	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB752	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB753	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB754	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
L101	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L102	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L150	073T 253915 LS	CHOKE COIL 22uH+/-10% 52mohm DR10*8	9JR7300000032
L300	073T 63828 T	CHIP INDUCROR 0U82 10% MLF1608DR82K	9JR7300000007
L500	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L501	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L502	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L503	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L504	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L505	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L550	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L551	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L552	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L554	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L556	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L558	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L561	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L562	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L563	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L564	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L565	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L600	073T 259902 T	CHOKE 33uH 10% TSL0808RA-330K1R4	9JR7300000024
L601	073T 259902 T	CHOKE 33uH 10% TSL0808RA-330K1R4	9JR7300000024
L650	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L652	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L653	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L654	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L655	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L656	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L657	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L700	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L701	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
Q100	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q101	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q103	057T 763900	FET SI3441BDV TSOP-6	9JR5700000020
Q104	057T 7631PH	SI5441DC 1206-8	9JR5700000019
Q106	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q108	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q109	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q200	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q201	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q202	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q203	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026

Q301	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q400	057T 763 50	FET ME2301 -2.8A/-20V SOT-23	9JR5700000036
Q401	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC	9JR5700000024
Q500	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q550	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q600	057T 477904 T	TRA BC847BW 100mA/45V SOT-323	9JR5700000012
Q601	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q606	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q607	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q608	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q609	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q610	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q611	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q612	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q613	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q614	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q615	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q616	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q700	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q701	057T 763910	FET 2SK1828 TO-236MOD	9JR5700000022
Q702	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q703	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q704	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q705	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q706	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q707	057T 763910	FET 2SK1828 TO-236MOD	9JR5700000022
Q750	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q751	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
R100	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R101	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R102	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R103	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R104	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R106	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R107	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R111	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R113	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R114	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R115	061T06032201FY	RST CHIPR 2.2KOHM +-1% 1/10W YAGEO	9JR6100000237
R117	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R119	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R122	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R123	061T06031101FY	RST CHIPR 1.1KOHM +-1% 1/10W YAGEO	9JR6100000217
R124	061T06032400FY	RST CHIPR 240 OHM +-1% 1/10W YAGEO	9JR6100000240
R125	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R126	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R127	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R128	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R130	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R135	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R136	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R138	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R141	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R144	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R149	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R150	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R151	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R152	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R153	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R154	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R161	061T06034701FY	RST CHIPR 4.7KOHM +-1% 1/10W YAGEO	9JR6100000109
R162	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R163	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R165	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R166	061T06031502FY	RST CHIPR 15KOHM +-1% 1/10W YAGEO	9JR6100000225
R167	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R171	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R172	061T06032002FY	RST CHIPR 20KOHM +-1% 1/10W YAGEO	9JR6100000233
R173	061T06035102FY	RST CHIPR 51KOHM +-1% 1/10W YAGEO	9JR6100000118
R174	061T06034701FY	RST CHIPR 4.7KOHM +-1% 1/10W YAGEO	9JR6100000109
R175	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R176	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R200	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R201	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060

R202	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R204	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R207	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R208	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R209	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R210	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R211	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R212	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R213	061T06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO	9JR6100000121
R214	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R215	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R216	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R227	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R228	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R229	061T06031500FY	RST CHIPR 150 OHM +-1% 1/10W YAGEO	9JR6100000223
R230	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R231	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R232	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R233	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R234	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R235	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R236	061T06031600FY	RST CHIPR 160 OHM +-1% 1/10W YAGEO	9JR6100000226
R237	061T06032200FY	RST CHIPR 220 OHM +-1% 1/10W YAGEO	9JR6100000235
R238	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R239	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R241	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R242	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R244	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R245	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R251	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R253	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R254	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R258	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R259	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R265	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R268	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R300	061T06031001FY	RST CHIPR 1KOHM +-1% 1/10W YAGEO	9JR6100000064
R301	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R302	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R303	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R304	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R306	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R307	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R314	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103
R315	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R316	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R317	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R319	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R320	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R322	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R325	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R326	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R331	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R336	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R341	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R350	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R351	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R352	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R353	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R354	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R355	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R357	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R358	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R359	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R360	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R361	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R362	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R363	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R365	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R366	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R367	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R370	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R372	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R374	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111

R375	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R384	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103
R385	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R386	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R388	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R389	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R393	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R394	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R395	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R396	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R397	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R398	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R399	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R400	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R401	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R403	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R404	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R405	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R406	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R407	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R408	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R410	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R411	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R412	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R413	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R414	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R415	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R417	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R419	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R421	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R424	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R425	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R426	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R427	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R432	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R433	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R434	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R435	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R436	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R437	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R438	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R439	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R500	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R501	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R502	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R504	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R505	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R506	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R507	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R508	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R509	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R511	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R512	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R513	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R514	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R515	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R516	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R517	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R518	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R519	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R520	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R521	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R522	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R523	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R524	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R525	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R526	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R527	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R528	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R529	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R530	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R531	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R532	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R533	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040

R534	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R535	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R536	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R537	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R550	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R551	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R552	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R553	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R554	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R555	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R556	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R557	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R558	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R559	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R561	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R563	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R565	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R567	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R568	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R570	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R572	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R575	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R576	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R577	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R578	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R579	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R580	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R581	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R582	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R583	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R584	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R585	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R586	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R587	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R588	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R589	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R590	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R591	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R592	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R593	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R594	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R595	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R596	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R597	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R598	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R600	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R601	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R602	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R603	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R604	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R606	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R607	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R608	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R609	061T0603104 Y	RST CHIPR 100KOHM +-5% 1/10W YAGEO	9JR6100000074
R610	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R611	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R612	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R613	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R615	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R616	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R617	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R618	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R619	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R620	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R621	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R622	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R623	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R624	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R625	061T0805100 Y	RST CHIPR 10 OHM +-5% 1/8W YAGEO	9JR6100000256
R626	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R627	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R628	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R629	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R631	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234

R632	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160
R633	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R634	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R635	061T0402393 Y	RST CHIP 39K 1/16W 5%	9JR6100000052
R636	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R637	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160
R638	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R639	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R640	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R641	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R642	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R643	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R644	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R645	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R646	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R647	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R648	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R649	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R650	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R651	061T06031800FY	RST CHIPR 180 OHM +-1% 1/10W YAGEO	9JR6100000227
R652	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R653	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R654	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R655	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R656	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R657	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R659	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R660	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R661	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R662	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R663	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R664	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R665	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R666	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R667	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R668	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R669	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R670	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R671	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R672	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R673	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R675	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R677	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R678	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R679	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R680	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R682	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R683	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R684	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R685	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R686	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R687	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R688	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R689	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R690	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R691	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R692	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R693	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R694	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R695	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R696	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R697	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R699	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R700	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R701	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R702	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R703	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R704	061T0402273 Y	RST CHIP 27K 1/16W 5%	9JR6100000049
R705	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R706	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R707	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R710	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R711	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R712	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055

R713	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R714	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R715	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R717	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R718	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R720	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R721	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R722	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R723	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R724	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R725	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R726	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R728	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R729	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R730	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R731	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R732	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R733	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R734	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R735	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R736	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R737	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R738	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R740	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R741	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R742	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R743	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R744	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R745	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R746	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R751	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R755	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R758	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R759	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R760	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R761	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R764	061T0603202 Y	RST CHIPR 2KOHM +-5% 1/10W YAGEO	9JR6100000087
R765	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
RN230	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN231	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN232	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RP350	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP351	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP352	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP353	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
U102	056T 563928	IC LP2996MRX PSOP-8	9JR5600000012
U103	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U104	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U151	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U152	056T 563129	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	9JR5600000033
U153	056T 563951	IC LD1117ADT-TR DPAK	9JR5600000034
U154	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U155	056T 368 4	IC TPS5430DDAR SO-8(DDA)	9JR5600000029
U156	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U157	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U158	056T 1331PH	LD1117S18 SOT-223	9JR5600000027
U159	056T 563949	IC LD39080PT-R PPAK	9JR5600000014
U231	056T 647 25	IC MT5133AN QFN-48	9JR5600000045
U302	056T 643 35	IC MAX809STRG 2.93V SOT23-3	9JR5600000022
U351	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U352	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U400	056T 562930	IC MT5336PKR PBGA-465	9JR5600000030
U401	056T1126 40	IC MT8295AE LQFP-128	9JR5600000049
U550	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U600	056T 616912	IC TDA8933BTW HTSSOP32	9JR5600000019
U601	056T 616517	IC TS486IDT ST	9JR5600000040
U602	056T 647903	IC WM8521H9GED/RV SOIC-14	9JR5600000046
U603	056T 616914	IC RC4580IPWR TSSOP8	9JR5600000042
U604	056T 133 22 ST	IC L78L09ACZ-AP TO-92	9JR5600000026
U700	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U701	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U708	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
X300	093T 22S917 C	CRYSTAL 60MHz 9P SMD-49	9JR9300000009
X400	093T 22S921 C	CRYSTAL 27MHz 20P SMD-5.0x3.2	9JR9300000048

Y230	093T 22S920 C	CRYSTAL 27MHz 20P SMD-49	9JR9300000047
ZD200	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD500	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD501	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD502	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD503	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD504	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD505	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD506	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD507	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD508	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD509	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD510	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD511	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD512	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD513	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD550	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD551	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD552	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD553	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD554	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD555	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD556	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD557	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD558	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD559	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD560	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD561	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD562	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD563	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD650	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD651	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD652	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD653	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD654	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD655	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD656	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD657	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD658	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD659	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD660	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD661	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD702	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
ZD703	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
ZD704	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
Power PCB			
1054	ADTV82420PA3	POWER PCB ASSY	
BD901	093T 50460 34	BRIDGE KBJ608G 6A/800V KBJ	9JR9300000040
C901	063T107K474 US	X2 CAP 0.47UF K 275VAC	9JR6300000006
C902	065G306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000111
C903	065G306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000111
C904	063T107K474 US	X2 CAP 0.47UF K 275VAC	9JR6300000006
C905	063T210K105HCJ	CAP MPH 1UF 500V 10%	9JR6300000008
C906	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C907	067G 4012115L	EC 120uF 450V LSG 30x25mm	9JR6700000053
C908	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C909	065T120622522K 3	CAP CHIP 2U2 25V X7R 1206 10%	9JR6500000158
C911	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C912	065T080522131J Y	CAP CHIP 0805 220PF J 50V NPO	9JR6500000149
C913	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C914	065T080510522K 3	CAP CHIP 0805 1U 25V X7R +/-10%	9JR6500000145
C915	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	9JR6500000110
C916	065T080510031J Y	CAP CHIP 0805 10P 50V NPO +/-5%	9JR6500000143
C931	065T080533432K 3	CAP CHIP 0805 330N 50V X7R +/-10%	9JR6500000151
C932	065T080522422K 3	CAP CHIP 0805 220N 25V X7R -/+ 10%	9JR6500000150
C933	065T080522131J Y	CAP CHIP 0805 220PF J 50V NPO	9JR6500000149
C934	065T080510522K 3	CAP CHIP 0805 1U 25V X7R +/-10%	9JR6500000145
C935	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C936	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C937	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C939	065T120622522K 3	CAP CHIP 2U2 25V X7R 1206 10%	9JR6500000158
C940	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	9JR6500000110
C941	063T210J2735CC	CAP MPPS 27NF 1000V 5%	9JR6300000007

C942	065T080547232K Y	CAP CHIP 0805 4700PF K 50V X7R	9JR6500000152
C943	067G 515102 6C	EC 1000uF 35V GF 13x25mm	9JR6700000055
C944	067T 515471 6C	EC 470UF 35V GF 10*20mm	9JR6700000081
C945	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C946	067G215L4714CT	EC 470UF 25V GL 10*16mm	9JR6700000057
C947	067T 3152214CT	EC 220UF 25V GF 8*11.5mm	9JR6700000078
C948	065T080547332K Y	CAP CHIP 0805 47NF K 50V X7R	9JR6500000153
C959	067T 3051007CT	EC 10UF/50V KM 5*11mm	9JR6700000005
C960	065T 1K4719AT	C CAP. 470PF 1KV RR	9JR6500000115
C980	065T517K1522AT	C CAP. 1500PF 500V 10% B	9JR6500000163
C981	067G 3053307CT	105℃ RADIAL E-CAPACTOR 33uF 50V	9JR6700000054
C982	065T080510131J Y	CAP CHIP 0805 100PF J 50V NPO	9JR6500000144
C983	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C984	064T 47J1031AT EU	F/C PPN 10N 100V 5%	9JR6400000002
C985	067G215D222 2C	EC 2200uF 10V GF222M010I200K040P 13*20mm	9JR6700000056
C986	067T 3054704CT	EC 47uF 25V KM 5x11mm	9JR6700000027
C987	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C989	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
CN901	087T 501907 S	AC SOCKET V 3P ST-01DR-BBBS-3000	9JR8700000002
CN902	033T327812D	WAFER 12P PLUG	9JR3300000016
CN903	033T327813D	CONNECTOR	9JR3300000017
D902	093T 52 56	DIODE FMN-1106S 10A/600V TO-220	9JR9300000020
D903	093G 6432V	LL4148-GSO8	9JR9300000001
D914	095T 90 23	JUMP WIRE	9JR9500000037
D935	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D951	093G 64901 T	DIO SIG SM BAV103 (VISH) R	9JR9300000036
D952	093G 64901 T	DIO SIG SM BAV103 (VISH) R	9JR9300000036
D955	093T 60270	MBRF20100CT IT0-220AB	9JR9300000042
D956	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D980	093T110090052T	DIODE UG1007 1A 1000V DO-41	9JR9300000056
D981	093T 6432V	LL4148-GSO8 SMD BY VISHA	9JR9300000046
D982	093T 6490352T	DIODE RGP10D DO-41	9JR9300000028
F901	084T 41 7 C	FUSE 5A 250V,Time Lag Fuse	9JR8400000003
F903	084T 55 2	FUSE	9JR8400000004
FB904	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
FB905	095T 90 23	JUMP WIRE	9JR9500000037
FB980	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
IC901	056T 379901	IC SG6961	9JR5600000008
IC931	056T 581 7	IC TNY277PN DIP-8C	9JR5600000015
IC932	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC951	056T 665 10 1	IC RESONANT L6599DTR SO-16N ST	9JR5600000024
IC952	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC953	056T 158900	IC TL431CZ-AP TO92 ST	9JR5600000028
IC982	056T 158900	IC TL431CZ-AP TO92 ST	9JR5600000028
IC991	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
L901	073T 174106 L	LINE FILTER 13mH LF-1008108	9JR7300000028
L902	073T 174106 L	LINE FILTER 13mH LF-1008108	9JR7300000028
L903	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L904	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L905	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L906	073T 174929 L	PFC CHOKE 290uH 210mohm CC-010745	9JR7300000029
L907	073T 5433010T	PEAKING COIL 33U 10%	9JR7300000025
L931	073T 253 91 H	CHOKE COIL	9JR7300000012
L971	073T 253150 H	IND CHOKE 3.0uH+-10% DADON	9JR7300000030
L980	073T 253 91 H	CHOKE COIL	9JR7300000012
NR901	061T 58909 W	NTC 1R5/5A SCK101R55LGY	9JR6100000185
Q901	057T 667 25	STW20NM60	9JR5700000032
Q931	057T 761900 T	TRA BC857C 100mA/50V SOT-23	9JR5700000035
Q945	057G 419904 T	TRA SIG BC337-40 (KEC0) A	9JR5700000023
Q951	057T 667 50	TRA STP10NK60ZFP 10A/600V TO-220FP	9JR5700000033
Q952	057T 667 50	TRA STP10NK60ZFP 10A/600V TO-220FP	9JR5700000033
Q988	057T 763904	FET 2N7002 PHILIPS	9JR5700000021
Q992	057T 763904	FET 2N7002 PHILIPS	9JR5700000021
Q993	057T 763904	FET 2N7002 PHILIPS	9JR5700000021
R901	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R902	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R903	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R905	061T0805473	RST CHIPR 47 KOHM +-5% 1/8W	9JR6100000151
R907	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W	9JR6100000145
R908	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W	9JR6100000145
R909	061G08056800FY	RST CHIP 680R 1/8W 1%	9JR6100000179
R910	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272
R911	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272
R912	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272

R913	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R915	061T152M12852T SY	RST MOF 0R12 5% 2W	9JR6100000277
R916	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R917	061T0805221	RST CHIPR 220 OHM +-5% 1/8W	9JR6100000260
R918	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R919	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	9JR6100000149
R931	061T0805304	RST CHIPR 300 KOHM +-5% 1/8W	9JR6100000262
R933	061T 17220552T TZ	RST CFR 2M 1/4W 5%	9JR6100000189
R934	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R935	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R936	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R937	061T0805100 Y	RST CHIPR 10 OHM +-5% 1/8W YAGEO	9JR6100000256
R945	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	9JR6100000171
R950	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	9JR6100000172
R953	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R954	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R955	061T 17220552T TZ	RST CFR 2M 1/4W 5%	9JR6100000189
R956	061T0805273	RST CHIPR 27 KOHM +-5% 1/8W	9JR6100000261
R957	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R958	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R959	061G0805105	RST CHIPR 1M OHM +-5% 1/8W	9JR6100000173
R960	061T0805220	RST CHIPR 22 OHM +-5% 1/8W	9JR6100000139
R961	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R962	061T0805220	RST CHIPR 22 OHM +-5% 1/8W	9JR6100000139
R963	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R964	061T0805102	RST CHIPR 1KOHM +-5% 1/4W	9JR6100000257
R965	061T152M43852T	RST MOF 0R43 5% 2W	9JR6100000278
R966	061T08053901FY	RST CHIPR 3.9KOHM +-1% 1/8W YAGEO	9JR6100000265
R967	061T0805101	RST CHIPR 100 OHM +-5% 1/8W	9JR6100000126
R968	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R969	061T0805332 Y	RST CHIPR 3.3KOHM +-5% 1/8W YAGEO	9JR6100000263
R971	095T 90 23	JUMP WIRE	9JR9500000037
R972	061T0805205 2F	RST CHIPR 20.5KOHM +-1% 1/8W	9JR6100000259
R973	061G0805196 1F	RST CHIP 1.96K 1/8W 1%	9JR6100000176
R974	061T1206512 Y	RST CHIPR 5.1KOHM +-5% 1/4W YAGEO	9JR6100000276
R977	061T203S24252T TZ	RST MFLM 2K4 0.6W 1%	9JR6100000279
R980	061T 60247252T TZ	RST CFR 4K7 1/6W 5%	9JR6100000036
R981	061T08054702FY	RST CHIPR 47KOHM +-1% 1/8W YAGEO	9JR6100000266
R982	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	9JR6100000149
R983	061T0805221	RST CHIPR 220 OHM +-5% 1/8W	9JR6100000260
R984	061T0805123	RST CHIPR 12 KOHM +-5% 1/8W	9JR6100000258
R985	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R986	061T0805101	RST CHIPR 100 OHM +-5% 1/8W	9JR6100000126
R987	061G 60210152T TZ	RST CFR 100R 1/6W 5%	9JR6100000169
R988	061G0805394	RST CHIPR 390 KOHM +-5% 1/8W	9JR6100000178
R990	061T0805000	RST CHIP MAX 0R05 1/8W	9JR6100000254
R991	061G08051102FY	RST CHIP 11K 1/8W 1%	9JR6100000174
R992	061G0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000175
R993	061G08052202FY	RST CHIPR 22KOHM +-1% 1/8W YAGEO	9JR6100000177
R994	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	9JR6100000172
R995	061T0805332 Y	RST CHIPR 3.3KOHM +-5% 1/8W YAGEO	9JR6100000263
R996	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R997	061T0805102	RST CHIPR 1KOHM +-5% 1/4W	9JR6100000257
R998	061T0805000	RST CHIP MAX 0R05 1/8W	9JR6100000254
RV901	061T 46906 W	VARISTOR 560V TVR14561KFC4FY	9JR6100000182
RV903	061T 46902	VARISTOR 510V TVR14511KFC4FY	9JR6100000181
SG901	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG902	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG903	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG904	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
T901	080TL42T916 L	XFMR 950uH PT-009601-3	9JR8000000003
T902	080TL32T 7 L	X'FMR 600uH PT-009716	9JR8000000007
ZD931	093T 39GA26 T	ZENER DIODE RLZ5.1B SEMTECH	9JR9300000051
ZD935	093T 39GA03 T	RLZ15B	9JR9300000050
ZD937	093T 39GA03 T	RLZ15B	9JR9300000050
ZD965	093G 39S 42 T	RLZ27B LLDS	9JR9300000037
ZD966	093T 39GA03 T	RLZ15B	9JR9300000050
ZD980	093G 3919352T	TVS P6KE160A DO-15	9JR9300000033
IR PCB 1056	IRPF8PB7	IR PCB ASSY	
C001	065T0603105A7Z Y	CAP CHIP 0603 1U 10V Y5V -20%+80%	9JR6500000046
C002	065T060310337Z Y	CAP CHIP 0603 10N 50V Y5V -20%+80%	9JR6500000033
C004	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038

CN001	033T8032 5R H X	CON H 5P M 1.25 S1315-05RVA-1C	9JR3300000030
LED001	081T 14908 KB	LED SM KPB-3025SURKCGKC	9JR8100000001
Q001	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q002	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
R001	061T0603511 Y	RST CHIPR 510 OHM +-5% 1/10W YAGEO	9JR6100000249
R002	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R004	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R006	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R007	061T0603272 Y	RST CHIPR 2.7KOHM +-5% 1/10W YAGEO	9JR6100000098
R008	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
U001	056T 627902	IC TSOP34438ST1	9JR5600000021
Key PCB 1057	KEPF8PB2	KEY BOARD	
C023	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C024	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
CN016	033T3802 4 H X	WAFER 4P RIGHT ANGLE PITCH 2.0	9JR3300000019
R016	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R017	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R018	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
R019	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R020	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R021	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R022	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
SW016	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW017	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW018	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW019	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW020	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW021	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW022	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001

Model: LC-26SB25E(CMO)			
Item	**Code number**	**Description**	**Sharp C/N**
Mechanical Parts			
35	705TP833007	KEY PAD ASSY	9JR7050000011
30	705TP834023	BEZEL ASSY	9JR7050000012
40	705TP834024	REAR COVER ASSY	9JR7050000013
50	705TP837008	BASE ASSY	9JR7050000018
60	705TP837012	BASE STAND ASSY	9JR7050000022
110	P11T0020101	COVER _SERVICE	9JR1100000001
1185	078T 495902 2M	Speaker 8ohm/6W 120mmX30mm	9JR7800000003
1186	078T 495902 2M	Speaker 8ohm/6W 120mmX30mm	9JR7800000003
Accessory			
135	705TZ841028	DFU ASSY	9JR7050000023
136	705TZ841031	DFU ASSY	9JR7050000024
144	P41TN025843 1C	QSG-1 (Western & North Europe)	9JR4100000008
145	P41TN026843 1B	QSG-2 (Eastern Europe & Russia)	9JR4100000009
1172	089T404A18NHT2	POWER CORD 1.8M 4L4L-040-00K	9JR8900000003
1176	098TRABD5NESHC	REMOTE CONTROL RL57S	9JR9800000002
Packing			
450	P44TE009843 1A	CARTON	9JR4400000012
451	705TZ8CS007	CUSHION ASSY	9JR7050000026
miscellanea			
96	0Q1T 930 8 47 CR3	SCREW	9JR0100000007
97	0M1T 940 16 47 CR3	SCREW M4X6	9JR0100000002
98	0Q1T 940 16 47 CR3	SCREW	9JR0100000020
99	0Q1T1040 8120	SCREW	9JR0100000010
100	0M1T1430 5120	SCREW TAPPING M3X5	9JR0100000018
101	0M1T1730 8106 CR3	SCREW	9JR0100000019
102	0M1T1140 6120	SCREW 4*6MM	9JR0100000003
103	0M1T 330 6 47 CR3	SCREW	9JR0100000001
106	0Q1T1830 12 47 CR3	SCREW_THW K30x12 PT W=8.5	9JR0100000022
107	0M1T 330 4120	SCREW	9JR0100000016
126	P40TEV0084316A	RATING LABEL	9JR4000000025
127	P40TA00081328A	FAMILY SHEET- SERVICE	9JR4000000004
130	P40TE00084334A	CARTON LABEL	9JR4000000024
137	P40TE00084330B	LABEL_SIDE_IO	9JR4000000023
143	P45T 48005 1A	P.E. BAG(100 X 70)	9JR4500000003
455	P45T 46025	PE BAG(800X650-0.72mm)	9JR4500000007
8390	095T8014 4F928	HARNESS 4P-4P 490mm 75274	9JR9500000010
8391	095T8014 5F915	HARNESS 5P-5P 380mm 75273	9JR9500000013
8600	095T8013 2FA15	Harness 2P-FAST*2 440mm 76821	9JR9500000035
8601	095T8013 3FA07	Harness 3P-FAST*2 770mm 76822	9JR9500000036
8750	095T8018 40900 FP	HARNESS 40P-FFC 230mm 75270	9JR9500000021
8902	095T801412FA15	Harness 12P-12P 115mm 76810	9JR9500000031
8903	095T801414F924	HARNESS 14P-13P 220mm 75271	9JR9500000019
LCD panel			
1050	750TVM260B1111N000	PANEL V260B1-L11 26" CMO TW	9JR7500000002
1050	750TVM260B1113N000	PANEL V260B1-L11 NH CMO	9JR7500000006
PCB assy			
1053	CBPF82MBPM	Main Pcb Assy SHARP 26"-CMO	9JR9900000007
1054	ADTV82420PA3	POWER PCB ASSY	9JR9900000005
1056	IRPF8PB7	IR PCB ASSY	9JR9900000009
1057	KEPF8PB2	KEY BOARD	9JR9900000010
Main PCB 1053 CBPF82MBPM Main Pcb Assy SHARP 26"-CMO			
1262	705TP856111	NOR FLASH ASSY (U390)	9JR7050000035
1302	705TP856110	Serial IIC EEPROM ASSY (CMO-Panasonic)	9JR7050000034

C102	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C104	065T060333312K Y	CAP CHIP 0603 33N 16V X7R +/-10%	9JR6500000053
C105	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C106	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C107	067T 215471 3C	EC 470uF 16V GF 8x16mm	9JR6700000004
C108	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C109	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C114	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C117	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C118	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C119	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C121	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C123	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C124	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C125	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C126	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C127	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C128	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C129	065T060333131J Y	CAP CHIP 0603 330PF J 50V NPO	9JR6500000051
C132	065T120610612K 3	CHIP 10uF 16V X7R 10%	9JR6500000098
C151	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C152	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C153	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C156	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C157	065T120647522K 3	CER 1206 4U7 25V X7R +/-10%	9JR6500000162
C158	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C160	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C161	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C162	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C164	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C166	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C167	067T511F1004CT	EC SMD 10U 25V MV 4x5.5mm	9JR6700000093
C168	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C169	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C170	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C171	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C172	067T 305471 6E	EC 470uF 35V RGA 10x16mm	9JR6700000030
C173	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C175	065T0805106A5K 3	CHIP 10uF 10V X5R 10%	9JR6500000148
C176	065T060310221J Y	CAP CHIP 0603 1NF J 25V MPO	9JR6500000027
C177	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C178	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C200	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C201	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C202	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C203	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C204	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C205	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C206	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C207	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C208	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C209	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C210	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C211	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C212	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C213	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C214	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C215	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C216	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C217	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C218	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C219	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C220	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C221	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C222	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C229	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C230	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009

C231	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C232	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C233	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C234	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C235	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C236	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C238	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C239	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C240	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C241	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C242	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C243	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C244	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C245	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C246	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C247	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C248	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C249	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C251	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C252	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C254	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C255	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C256	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C258	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C259	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C260	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C261	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C262	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C263	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C264	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C265	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C266	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C267	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C268	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C269	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C270	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C271	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C272	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C273	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C274	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C275	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C276	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C277	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C278	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C279	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C280	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C281	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C282	065T040210031J 3	CAP CHIP 0402 10P 50V NPO +/-5%	9JR6500000116
C283	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C284	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C285	065T060347312K Y	CAP CHIP 0603 47N 16V X7R +/-10%	9JR6500000059
C286	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C287	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C290	065T060322412K Y	CAP CHIP 0603 0.22UF K 16V X7R	9JR6500000137
C292	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C293	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C302	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C303	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C304	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C305	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C306	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C307	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C308	065T060310221J Y	CAP CHIP 0603 1NF J 25V MPO	9JR6500000027
C309	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C310	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C311	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C318	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014

C319	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C321	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C322	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C323	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C324	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C325	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C326	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C327	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C329	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C330	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C350	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C351	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C352	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C353	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C354	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C355	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C356	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C357	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C358	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C359	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C360	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C361	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C362	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C363	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C364	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C365	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C366	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C367	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C368	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C369	067T 3111013ET	EC 100uF 16V VEL 6.3x5.5mm	9JR6700000069
C370	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C371	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C373	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C374	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C375	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C376	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C377	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C378	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C379	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C380	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C381	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C382	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C383	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C384	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C385	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C386	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C390	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C393	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C395	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C396	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C397	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C398	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C400	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C401	065T040227031J 3	CAP CHIP 0402 27P 50V NPO +/-5%	9JR6500000119
C402	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C403	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C404	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C405	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C406	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C407	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C408	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C409	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C410	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C411	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C412	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C413	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C414	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077

C415	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C416	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C417	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C418	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C419	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C420	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C421	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C422	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C423	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C424	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C425	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C427	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C428	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C429	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C430	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C431	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C432	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C433	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C434	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C435	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C436	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C437	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C438	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C439	065T060310031J Y	MLCC 0603 10PF J 50V NPO	9JR6500000025
C500	067T 3114703ET	EC SMD 47uF 16V VEJ 6.3x5.3mm	9JR6700000073
C501	067T 3114713ET	EC 470uF 16V RVJ 8x10mm	9JR6700000076
C502	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C503	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C504	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C505	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C506	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C507	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C508	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C509	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C510	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C511	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C512	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C513	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C514	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C515	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C516	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C517	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C518	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C519	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C520	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C521	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C522	065T040210505K 3	CAP CHIP 0402 1UF 6V3 X5R +/-10%	9JR6500000117
C523	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C541	065T060322031J Y	CAP CHIP 0603 22PF J 50V NPO	9JR6500000134
C542	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C546	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C547	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C550	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C551	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C552	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C553	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C554	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C555	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C556	065T080510512K Y	CAP CHIP 0805 1UF K 16V X7R	9JR6500000075
C557	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C558	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C559	065T040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	9JR6500000009
C560	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C561	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C562	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C563	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C564	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015

C565	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C567	065T040250931D 3	CAP CHIP 0402 5PF 50V NPO +/-0.5pF	9JR6500000127
C568	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C569	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C570	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C571	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C572	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C573	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C574	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C575	065T060322517Z Y	CAP CHIP 0603 2.2UF Z 16V Y5V	9JR6500000138
C576	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C577	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C580	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C581	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C582	065T080510617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C585	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C587	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C588	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C589	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C590	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C591	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C592	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C593	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C596	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C597	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C598	065T040215031J 3	CAP CHIP 0402 15P 50V NPO +/-5%	9JR6500000015
C599	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C600	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C601	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C602	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C603	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C604	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C605	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C606	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C607	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C608	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C609	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C610	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C611	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C612	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C613	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C614	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C615	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C616	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C617	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C618	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C619	067T511F1004CT	EC SMD 10U 25V MV 4x5.5mm	9JR6700000093
C620	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C621	065T080547412K 3	CAP CHIP 0805 470N 16V X7R +/-10%	9JR6500000088
C623	067T305L471 7C	EC 470uF 50V KM 10x25mm	9JR6700000091
C625	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C626	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C627	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C628	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C629	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C630	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C631	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C632	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C633	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C634	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C635	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C636	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C637	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C638	065T060315332K Y	CAP CHIP 0603 15NF K 50V X7R	9JR6500000132
C639	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C640	065T120647432K 3	CAP CHIP 470N 50V X7R +/- 10%	9JR6500000160
C641	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038

C642	067T215L4704CT	EC 47UF 25V KH 5x11 life 3000HR	9JR6700000089
C643	065T060347131J Y	CAP CHIP 0603 470PF J 50V NPO	9JR6500000057
C644	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C645	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C646	065T040233132K 3	CAP CHIP 0402 330P 50V X7R +/-10%	9JR6500000121
C647	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C648	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C649	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C650	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C651	065T0805106617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C652	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C653	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C654	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C655	065T0805106617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C656	065T0805106617Z 3	CAP CHIP 0805 10U 16V Y5V -20~+80%	9JR6500000146
C657	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C658	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C659	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C660	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C661	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C662	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C663	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C664	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C665	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C666	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C667	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C668	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C669	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C670	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C671	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C672	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C674	065T0805106A7Z Y	CAP CHIP 0805 10UF Z 10V Y5V	9JR6500000077
C676	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C677	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C678	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C679	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C680	065T040247312K 3	CHIP CAP 47N 16V X7R 10%	9JR6500000125
C681	065T060333031J Y	CAP CHIP 0603 33PF J 50V NPO	9JR6500000049
C682	065T060347031J Y	CAP CHIP 0603 47PF J 50V NPO	9JR6500000055
C683	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C684	067T215A471 4C	EC 470uF 25V GF 10x16mm	9JR6700000084
C685	065T0603474A7Z Y	CAP CHIP 0603 470N 10V Y5V -20%+80%	9JR6500000140
C686	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C687	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C688	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C689	065T0805475A7Z Y	CAP CHIP 4.7UF 10V Y5V -20%~+80%	9JR6500000097
C690	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C691	065T060368232K Y	CAP CHIP 0603 6800PF K 50V X7R	9JR6500000142
C692	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C693	067T 3111003ET	EC SMD 10uF 16V VEJ 4x5.3mm	9JR6700000067
C697	065T060310131J Y	CAP CHIP 0603 100PF J 50V NPO	9JR6500000130
C701	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C702	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C703	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C704	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C705	067T 3111097ET	EC SMD 1uF 50V VEJ 4x5.5mm	9JR6700000070
C706	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C708	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C709	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011
C710	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C712	065T060310332K Y	CAP CHIP 0603 10NF K 50V X7R	9JR6500000031
C714	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C715	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C716	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C717	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C718	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C719	065T040210312K Y	CAP CHIP 0402 10N 16V X7R +/-10%	9JR6500000011

C721	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C722	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C750	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C751	065T060310412K Y	CAP CHIP 0603 0.1UF K 16V X7R	9JR6500000036
C752	067T 3114704ET	EC SMD 47U 25V VGA 6.3x5.7mm	9JR6700000074
C753	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C754	065T0805475A2K 3	CAP CHIP 4.7UF 10V X7R +/- 10%	9JR6500000092
C755	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
C756	067T511F1013CT	EC SMD 100U 16V MV 6.3x7.7mm	9JR6700000094
C757	065T060310512K 3	MLCC 0603 CAP 1uF K 16V X7R	9JR6500000043
C758	065T040210412K Y	CAP CHIP 0402 100N 16V X7R +/-10%	9JR6500000014
CN100	033T380212B Y FP	WAFER 2.0mm 12P 67032	9JR3300000029
CN390	033T3802 4 X	CONNECTOR	9JR3300000020
CN391	033T3802 5	AUDIO IN	9JR3300000022
CN392	033T3802 3E FP	WAFER 2.0MM 3P 63043	9JR3300000006
CN400	088T 500902 P	PCMCIA CONN. CPC-BTRCVDB0-S02-H	9JR8800000027
CN500	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN501	088T 35521U ST	SCART CONN. 21P V/T 2SC1504-000111	9JR8800000026
CN552	088T 78 13A36 YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02	9JR8800000019
CN553	088T 78 13A35 YG	RCA JACK 1*3 W/R/B V/A RCA-346D-01	9JR8800000018
CN554	088T 35315F FX	D-SUB 15PIN FEMALE VERTICAL 附螺絲	9JR8800000025
CN555	088T 30252S	PHONE JACK 3.5mm 3P V/A GREEN	9JR8800000022
CN556	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	9JR8800000020
CN600	033T3802 2B Y FP	WAFER 2.0mm 2P 67022	9JR3300000025
CN601	033T3802 3B Y FP	WAFER 2.0mm 3P 67023	9JR3300000026
CN602	088T 302912 S	PHONE JACK 3.5mm 7P BLACK 2SJ1508-001111	9JR8800000023
CN650	088T 78 13A39 YG	S JACK + RCA JACK 1*3 Y/W/R RCA-333S-010	9JR8800000021
CN700	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN702	088T 340 19TNS	HDMI HEADER 19P 5300-519-441-72	9JR8800000014
CN750	033T8033 40 FP	CON. V 2*20P M 1.25 SM 60949	9JR3300000014
D100	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D101	093T 60S906 T	DIODE 3A/40V SS3P4 DO-220AA	9JR9300000054
D390	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D391	093T 64 33	BAV99 SOT-23	9JR9300000044
D392	093T 64 33	BAV99 SOT-23	9JR9300000044
D500	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D501	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D502	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D503	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D504	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D505	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D506	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D507	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D508	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D509	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D510	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D511	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D512	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D553	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D554	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D555	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D556	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D557	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D560	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D561	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D562	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D563	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D564	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D565	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D566	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D567	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D568	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D569	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D570	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D571	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D600	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D601	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030

D602	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D603	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D604	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D605	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D607	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D650	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D651	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D652	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D653	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D654	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D655	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D656	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D657	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D658	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D659	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D660	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D661	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D701	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D702	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D703	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D704	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D707	093T 64S900 T	DIODE BAS316 SOT-323 PHILIPS	9JR9300000030
D708	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
D709	093T 64S522SEM	DIODE LL4148 SEMTECH	9JR9300000055
FB100	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB101	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB200	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB201	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB202	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB203	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB204	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB230	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB231	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB232	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB233	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB234	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB300	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB301	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB302	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB321	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB322	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB323	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB390	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB400	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB401	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB402	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB403	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB404	071T 56B221 TA	CHIP BEAD 220R/400mA FCM2012CF-221T04	9JR7100000018
FB566	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB567	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB600	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB601	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB602	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB603	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB604	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB606	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB607	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB701	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB702	071T 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	9JR7100000011
FB750	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
FB751	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB752	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB753	071T 56A221 TA	CHIP BEAD 0805 220R/2000mA	9JR7100000009
FB754	071T 59D121 TA	CHIP BEAD 120R/600mA FCM1608KF-121T06	9JR7100000012
L101	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L102	073T 253916 H	CHOKE COIL 15uH+/-10% 38mohm DR10*8	9JR7300000033
L300	073T 63828 T	CHIP INDUCROR 0U82 10% MLF1608DR82K	9JR7300000007

L500	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L501	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L502	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L503	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L504	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L505	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L550	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L551	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L552	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L554	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L556	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L558	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L561	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L562	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L563	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L564	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L565	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L650	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L652	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L653	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L654	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L655	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L656	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L657	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L700	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
L701	073T 63108 TA	CHIP INDUCTOR 0U10 10% FCI1608F-R10K	9JR7300000002
Q100	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q101	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q103	057T 763900	FET SI3441BDV TSOP-6	9JR5700000020
Q104	057T 7631PH	SI5441DC 1206-8	9JR5700000019
Q106	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q108	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q109	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q150	057T 7631PH	SI5441DC 1206-8	9JR5700000019
Q151	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q200	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q201	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q202	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q203	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q301	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q400	057T 763 50	FET ME2301 -2.8A/-20V SOT-23	9JR5700000036
Q401	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC	9JR5700000024
Q500	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q550	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q600	057T 477904 T	TRA BC847BW 100mA/45V SOT-323	9JR5700000012
Q601	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q606	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q607	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q608	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q609	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q610	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q611	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q612	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q613	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q614	057T 417512	TRA MMBT3906 BLUE ROKET	9JR5700000026
Q615	057T 761902 T	TRA BC857BW 100mA/50V SOT-323	9JR5700000018
Q616	057T 419911 T	TRA 2A/12V 2SD2653K SOT-346	9JR5700000028
Q700	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q702	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q705	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q706	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q750	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
Q751	057T 417511	TRA MMBT3904 BLUE ROKET	9JR5700000025
R100	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R101	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R102	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R103	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095

R104	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R106	061T0603392 Y	RST CHIPR 3.9KOHM +-5% 1/10W YAGEO	9JR6100000104
R107	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R111	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R113	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R114	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R115	061T06032201FY	RST CHIPR 2.2KOHM +-1% 1/10W YAGEO	9JR6100000237
R117	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R119	061T0603223 Y	RST CHIPR 22KOHM +-5% 1/10W YAGEO	9JR6100000095
R122	061T06031201FY	RST CHIPR 1.2KOHM +-1% 1/10W YAGEO	9JR6100000220
R123	061T06031101FY	RST CHIPR 1.1KOHM +-1% 1/10W YAGEO	9JR6100000217
R124	061T06032400FY	RST CHIPR 240 OHM +-1% 1/10W YAGEO	9JR6100000240
R125	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R126	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R127	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R128	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R130	061T0603512 Y	RST CHIPR 5.1KOHM +-5% 1/10W YAGEO	9JR6100000119
R135	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R136	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R138	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R141	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R144	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R149	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R150	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R151	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R152	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R155	061T0805000 Y	RST CHIP MAX 0R05 1/8W YAGEO	9JR6100000123
R157	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R158	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R159	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R162	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R163	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R164	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R165	061T06031200FY	RST CHIPR 120 OHM +-1% 1/10W YAGEO	9JR6100000079
R167	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R172	061T06032002FY	RST CHIPR 20KOHM +-1% 1/10W YAGEO	9JR6100000233
R173	061T06035102FY	RST CHIPR 51KOHM +-1% 1/10W YAGEO	9JR6100000118
R174	061T06034701FY	RST CHIPR 4.7KOHM +-1% 1/10W YAGEO	9JR6100000109
R175	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R200	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R201	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R202	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R204	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R205	061T04021000FY	RST CHIP 100R 1/16W 1%	9JR6100000191
R206	061T04021000FY	RST CHIP 100R 1/16W 1%	9JR6100000191
R207	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R208	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R209	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R210	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R211	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R212	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R213	061T06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO	9JR6100000121
R214	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R215	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R216	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R217	061T06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO	9JR6100000121
R218	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R227	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R228	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R229	061T06031500FY	RST CHIPR 150 OHM +-1% 1/10W YAGEO	9JR6100000223
R230	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R231	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R232	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R233	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R234	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R235	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R236	061T06031600FY	RST CHIPR 160 OHM +-1% 1/10W YAGEO	9JR6100000226

R237	061T06032200FY	RST CHIPR 220 OHM +-1% 1/10W YAGEO	9JR6100000235
R238	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R239	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R241	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R242	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R244	061T0603100 Y	RST CHIPR 10 OHM +-5% 1/10W YAGEO	9JR6100000214
R245	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R251	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R253	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R254	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R258	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R259	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R265	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R268	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R300	061T06031001FY	RST CHIPR 1KOHM +-1% 1/10W YAGEO	9JR6100000064
R301	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R302	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R303	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R304	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R306	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R307	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R314	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103
R315	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R316	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R317	061T0603109 Y	RST CHIPR 1 OHM +-5% 1/10W YAGEO	9JR6100000077
R319	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R320	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R322	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R325	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R326	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R331	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R336	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R341	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R350	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R351	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R352	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R353	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R354	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R355	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R357	061T0603510 Y	RST CHIPR 51 OHM +-5% 1/10W YAGEO	9JR6100000116
R358	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R359	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R360	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R361	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R362	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R363	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R365	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R366	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R367	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R370	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R372	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R374	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R375	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R384	061T06033901FY	RST CHIPR 3.9KOHM +-1% 1/10W YAGEO	9JR6100000103
R385	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R386	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R388	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R389	061T06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO	9JR6100000062
R393	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R394	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R395	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R396	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R397	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R398	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R399	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R400	061T0603105 Y	RST CHIPR 1MOHM +-5% 1/10W YAGEO	9JR6100000076
R401	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072

R403	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R404	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R405	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R406	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R407	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R408	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R410	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R411	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R412	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R413	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R414	061T0603330 Y	RST CHIPR 33 OHM +-5% 1/10W YAGEO	9JR6100000100
R415	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R417	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R419	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R421	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R424	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R425	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R426	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R427	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R432	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R433	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R434	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R435	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R436	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R437	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R438	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R439	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R500	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R501	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R502	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R504	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R505	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R506	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R507	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R508	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R509	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R511	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R512	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R513	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R514	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R515	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R516	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R517	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R518	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R519	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R520	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R521	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R522	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R523	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R524	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R525	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R526	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R527	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R528	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R529	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R530	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R531	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R532	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R533	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R534	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R535	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R536	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R537	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R550	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R551	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R552	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R553	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061

R554	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R555	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R556	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R557	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R558	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R559	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R561	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R563	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R565	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R567	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R568	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R570	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R572	061T0402203 Y	RST CHIP 20K 1/16W 5%	9JR6100000046
R575	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R576	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R577	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R578	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R579	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R580	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R581	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R582	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R583	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R584	061T0402750 Y	RST CHIP 75R 1/16W 5%	9JR6100000058
R585	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R586	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R587	061T0402680 Y	RST CHIP 68R 1/16W 5%	9JR6100000061
R588	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R589	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R590	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R591	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R592	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R593	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R594	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R595	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R596	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R597	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R598	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R600	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R601	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R602	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R603	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R604	061T0603200 Y	RST CHIPR 20 OHM +-5% 1/10W YAGEO	9JR6100000231
R606	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R607	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R608	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R609	061T0603104 Y	RST CHIPR 100KOHM +-5% 1/10W YAGEO	9JR6100000074
R610	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R611	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R612	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R613	061T0603273 Y	RST CHIPR 27KOHM +-5% 1/10W YAGEO	9JR6100000241
R615	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R616	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R617	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R618	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R619	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R620	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R621	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R622	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R623	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R624	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R625	061T0805100 Y	RST CHIPR 10 OHM +-5% 1/8W YAGEO	9JR6100000256
R626	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R627	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R628	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R629	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R631	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R632	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160

R633	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R634	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R635	061T0402393 Y	RST CHIP 39K 1/16W 5%	9JR6100000052
R636	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R637	061T1206100 Y	RST CHIPR 10 OHM +-5% 1/4W YAGEO	9JR6100000160
R638	061T1206220 Y	RST CHIPR 22 OHM +-5% 1/4W YAGEO	9JR6100000165
R639	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R640	061T0402223 Y	RST CHIP 22K 1/16W 5%	9JR6100000199
R641	061T06031802FY	RST CHIPR 18KOHM +-1% 1/10W YAGEO	9JR6100000229
R642	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R643	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R644	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R645	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R646	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R647	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R648	061T0603473 Y	RST CHIPR 47KOHM +-5% 1/10W YAGEO	9JR6100000114
R649	061T0402202 Y	RST CHIP 2K +-5% 1/16W	9JR6100000045
R650	061T0402512 Y	RST CHIP 5K1 1/16W 5%	9JR6100000056
R651	061T06031800FY	RST CHIPR 180 OHM +-1% 1/10W YAGEO	9JR6100000227
R652	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R653	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R654	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R655	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R656	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R657	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R659	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R660	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R661	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R662	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R663	061T0603203 Y	RST CHIPR 20KOHM +-5% 1/10W YAGEO	9JR6100000234
R664	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R665	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R666	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R667	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R668	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R669	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R670	061T0603750 Y	RST CHIPR 75 OHM +-5% 1/10W YAGEO	9JR6100000253
R671	061T0402470 Y	RST CHIP 47R 1/16W 5%	9JR6100000053
R672	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R673	061T0402270 Y	RST CHIP 27R 1/16W 5%	9JR6100000048
R675	061T06032202FY	RST CHIPR 22KOHM +-1% 1/10W YAGEO	9JR6100000089
R677	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R678	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
R679	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R680	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R682	061T0603333 Y	RST CHIPR 33KOHM +-5% 1/10W YAGEO	9JR6100000243
R683	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R684	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R685	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R686	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R687	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R688	061T04023300FY	RST CHIP 330R 1/16W 1%	9JR6100000201
R689	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R690	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R691	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R692	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R693	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R694	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R695	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R696	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R697	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R699	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R702	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R703	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R704	061T0402273 Y	RST CHIP 27K 1/16W 5%	9JR6100000049
R705	061T0402222 Y	RST CHIP 2K2 1/16W 5%	9JR6100000047
R706	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037

R707	061T0402000 Y	RST CHIP MAX 0R05 1/16W YAGEO	9JR6100000037
R710	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R711	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R712	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R713	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R714	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R715	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R717	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R718	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R720	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R721	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R731	061T1206000 Y	RST CHIP MAX 0R05 1/4W YAGEO	9JR6100000158
R734	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R735	061T0402101 Y	RST CHIP 100R 1/16W 5%	9JR6100000040
R736	061T0402104 Y	RST CHIP 100K 1/16W 5%	9JR6100000044
R737	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R738	061T0402102 Y	RST CHIP 1K 1/16W 5%	9JR6100000041
R740	061T0402103 Y	RST CHIP 10K 1/16W 5%	9JR6100000043
R741	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R742	061T0402473 Y	RST CHIP 47K 1/16W 5%	9JR6100000055
R743	061T0402330 Y	RST CHIP 33R 1/16W 5%	9JR6100000051
R744	061T0402472 Y	RST CHIP 4K7 1/16W 5%	9JR6100000054
R751	061T0603000 Y	RST CHIP MAX 0R05 1/10W YAGEO	9JR6100000060
R755	061T0603102 Y	RST CHIPR 1KOHM +-5% 1/10W YAGEO	9JR6100000070
R758	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R759	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R760	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
R761	061T0603472 Y	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO	9JR6100000113
R764	061T0603202 Y	RST CHIPR 2KOHM +-5% 1/10W YAGEO	9JR6100000087
R765	061T0603103 Y	RST CHIPR 10KOHM +-5% 1/10W YAGEO	9JR6100000072
RN230	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN231	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RN232	061T 125330 8Y	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	9JR6100000186
RP350	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP351	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP352	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
RP353	061T 125510 8Y	RST CHIP ARRAY 51R 1/16W 5% 8P4R	9JR6100000187
TU200	094TPASEBGL 3M	TUNER ENG37E14KRF	9JR9400000002
U102	056T 563928	IC LP2996MRX PSOP-8	9JR5600000012
U103	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U104	056T 563948	IC L5985 VFQFPN8	9JR5600000013
U151	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U152	056T 563129	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	9JR5600000033
U153	056T 563951	IC LD1117ADT-TR DPAK	9JR5600000034
U154	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U156	056T 563906	IC LD1117DTTR DPAK(T&R)	9JR5600000010
U157	056T 563916	IC LD1117DT33TR DPAK	9JR5600000011
U158	056T 1331PH	LD1117S18 SOT-223	9JR5600000027
U159	056T 563949	IC LD39080PT-R PPAK	9JR5600000014
U231	056T 647 25	IC MT5133AN QFN-48	9JR5600000045
U302	056T 643 35	IC MAX809STRG 2.93V SOT23-3	9JR5600000022
U351	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U352	056T 615911	IC NT5TU16M16AG-3C BGA84	9JR5600000017
U400	056T 562930	IC MT5336PKR PBGA-465	9JR5600000030
U401	056T1126 40	IC MT8295AE LQFP-128	9JR5600000049
U550	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U600	056T 616912	IC TDA8933BTW HTSSOP32	9JR5600000019
U601	056T 616517	IC TS486IDT ST	9JR5600000040
U602	056T 647903	IC WM8521H9GED/RV SOIC-14	9JR5600000046
U603	056T 616914	IC RC4580IPWR TSSOP8	9JR5600000042
U604	056T 133 22 ST	IC L78L09ACZ-AP TO-92	9JR5600000026
U701	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
U708	056T1133913	IC M24C02-WDW6P TSSOP8	9JR5600000025
X300	093T 22S917 C	CRYSTAL 60MHz 9P SMD-49	9JR9300000009
X400	093T 22S921 C	CRYSTAL 27MHz 20P SMD-5.0x3.2	9JR9300000048
Y230	093T 22S920 C	CRYSTAL 27MHz 20P SMD-49	9JR9300000047
ZD200	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015

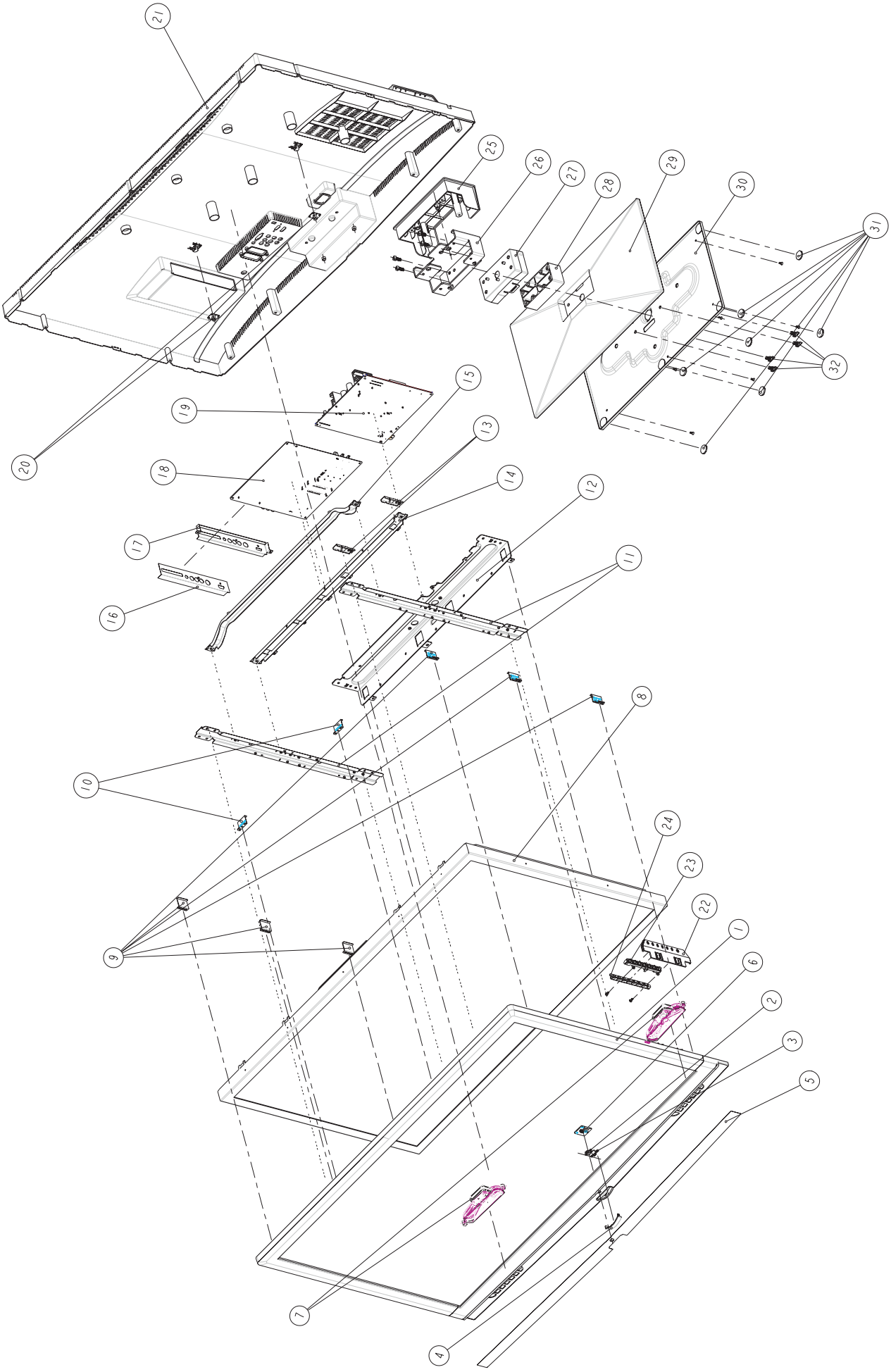
ZD500	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD501	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD502	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD503	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD504	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD505	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD506	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD507	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD508	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD509	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD510	093T 39GA28 T	ZENER DIODE RLZ13B SEMTECH	9JR9300000052
ZD511	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD512	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD513	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD550	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD551	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD552	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD553	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD554	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD555	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD556	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD557	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD558	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD559	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD560	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD561	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD562	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD563	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD650	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD651	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD652	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD653	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD654	093T 39S 34 T	UDZSNP5.6B ROHM	9JR9300000015
ZD655	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD656	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD657	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD658	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD659	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD660	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD661	093T 64 37 N	V-PORT-0603-100K V05	9JR9300000045
ZD702	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
ZD704	093T 39S906 T	DIODE PDZ24B SOD-323 PHILIPS	9JR9300000016
Power PCB 1054	ADTV82420PA3	POWER PCB ASSY	
BD901	093T 50460 34	BRIDGE KBJ608G 6A/800V KBJ	9JR9300000040
C901	063T107K474 US	X2 CAP 0.47UF K 275VAC	9JR6300000006
C902	065G306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000111
C903	065G306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES	9JR6500000111
C904	063T107K474 US	X2 CAP 0.47UF K 275VAC	9JR6300000006
C905	063T210K105HCJ	CAP MPH 1UF 500V 10%	9JR6300000008
C906	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C907	067G 4012115L	EC 120uF 450V LSG 30x25mm	9JR6700000053
C908	065T306M2222B3	CER Y2 2200PF M 400VAC TDK	9JR6500000107
C909	065T120622522K 3	CAP CHIP 2U2 25V X7R 1206 10%	9JR6500000158
C911	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C912	065T080522131J Y	CAP CHIP 0805 220PF J 50V NPO	9JR6500000149
C913	065T080533422K 3	CAP CHIP 0805 330N 25V X7R +/-10%	9JR6500000086
C914	065T080510522K 3	CAP CHIP 0805 1U 25V X7R +/-10%	9JR6500000145
C915	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	9JR6500000110
C916	065T080510031J Y	CAP CHIP 0805 10P 50V NPO +/-5%	9JR6500000143
C931	065T080533432K 3	CAP CHIP 0805 330N 50V X7R +/-10%	9JR6500000151
C932	065T080522422K 3	CAP CHIP 0805 220N 25V X7R -/+ 10%	9JR6500000150
C933	065T080522131J Y	CAP CHIP 0805 220PF J 50V NPO	9JR6500000149
C934	065T080510522K 3	CAP CHIP 0805 1U 25V X7R +/-10%	9JR6500000145
C935	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C936	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071

C937	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C939	065T120622522K 3	CAP CHIP 2U2 25V X7R 1206 10%	9JR6500000158
C940	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	9JR6500000110
C941	063T210J2735CC	CAP MPPS 27NF 1000V 5%	9JR6300000007
C942	065T080547232K Y	CAP CHIP 0805 4700PF K 50V X7R	9JR6500000152
C943	067G 515102 6C	EC 1000uF 35V GF 13x25mm	9JR6700000055
C944	067T 515471 6C	EC 470UF 35V GF 10*20mm	9JR6700000081
C945	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C946	067G215L4714CT	EC 470UF 25V GL 10*16mm	9JR6700000057
C947	067T 3152214CT	EC 220UF 25V GF 8*11.5mm	9JR6700000078
C948	065T080547332K Y	CAP CHIP 0805 47NF K 50V X7R	9JR6500000153
C959	067T 3051007CT	EC 10UF/50V KM 5*11mm	9JR6700000005
C960	065T 1K4719AT	C CAP. 470PF 1KV RR	9JR6500000115
C980	065T517K1522AT	C CAP. 1500PF 500V 10% B	9JR6500000163
C981	067G 3053307CT	105℃ RADIAL E-CAPACTOR 33uF 50V	9JR6700000054
C982	065T080510131J Y	CAP CHIP 0805 100PF J 50V NPO	9JR6500000144
C983	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C984	064T 47J1031AT EU	F/C PPN 10N 100V 5%	9JR6400000002
C985	067G215D222 2C	EC 2200uF 10V GF222M010I200K040P 13*20mm	9JR6700000056
C986	067T 3054704CT	EC 47uF 25V KM 5x11mm	9JR6700000027
C987	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
C989	065T080510432K Y	CAP CHIP 0805 0.1UF K 50V X7R	9JR6500000071
CN901	087T 501907 S	AC SOCKET V 3P ST-01DR-BBBS-3000	9JR8700000002
CN902	033T327812D	WAFER 12P PLUG	9JR3300000016
CN903	033T327813D	CONNECTOR	9JR3300000017
D902	093T 52 56	DIODE FMN-1106S 10A/600V TO-220	9JR9300000020
D903	093G 6432V	LL4148-GSO8	9JR9300000001
D914	095T 90 23	JUMP WIRE	9JR9500000037
D935	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D951	093G 64901 T	DIO SIG SM BAV103 (VISH) R	9JR9300000036
D952	093G 64901 T	DIO SIG SM BAV103 (VISH) R	9JR9300000036
D955	093T 60270	MBRF20100CT IT0-220AB	9JR9300000042
D956	093T 60910	DIODE 40V/10A SBF1040CT ITO-220AB	9JR9300000023
D980	093T110090052T	DIODE UG1007 1A 1000V DO-41	9JR9300000056
D981	093T 6432V	LL4148-GSO8 SMD BY VISHA	9JR9300000046
D982	093T 6490352T	DIODE RGP10D DO-41	9JR9300000028
F901	084T 41 7 C	FUSE 5A 250V,Time Lag Fuse	9JR8400000003
F903	084T 55 2	FUSE	9JR8400000004
FB904	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
FB905	095T 90 23	JUMP WIRE	9JR9500000037
FB980	071T 55909	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	9JR7100000008
IC901	056T 379901	IC SG6961	9JR5600000008
IC931	056T 581 7	IC TNY277PN DIP-8C	9JR5600000015
IC932	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC951	056T 665 10 1	IC RESONANT L6599DTR SO-16N ST	9JR5600000024
IC952	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
IC953	056T 158900	IC TL431CZ-AP TO92 ST	9JR5600000028
IC982	056T 158900	IC TL431CZ-AP TO92 ST	9JR5600000028
IC991	056T 139 3B	IC PC123Y82FZ0F	9JR5600000003
L901	073T 174106 L	LINE FILTER 13mH LF-1008108	9JR7300000028
L902	073T 174106 L	LINE FILTER 13mH LF-1008108	9JR7300000028
L903	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L904	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L905	071T 55910 H	FERRITE CORE H75 6*10 BF-I60100R-706	9JR7100000017
L906	073T 174929 L	PFC CHOKE 290uH 210mohm CC-010745	9JR7300000029
L907	073T 5433010T	PEAKING COIL 33U 10%	9JR7300000025
L931	073T 253 91 H	CHOKE COIL	9JR7300000012
L971	073T 253150 H	IND CHOKE 3.0uH+-10% DADON	9JR7300000030
L980	073T 253 91 H	CHOKE COIL	9JR7300000012
NR901	061T 58909 W	NTC 1R5/5A SCK101R55LGY	9JR6100000185
Q901	057T 667 25	STW20NM60	9JR5700000032
Q931	057T 761900 T	TRA BC857C 100mA/50V SOT-23	9JR5700000035
Q945	057G 419904 T	TRA SIG BC337-40 (KEC0) A	9JR5700000023
Q951	057T 667 50	TRA STP10NK60ZFP 10A/600V TO-220FP	9JR5700000033
Q952	057T 667 50	TRA STP10NK60ZFP 10A/600V TO-220FP	9JR5700000033
Q988	057T 763904	FET 2N7002 PHILIPS	9JR5700000021
Q992	057T 763904	FET 2N7002 PHILIPS	9JR5700000021

Q993	057T 763904	FET 2N7002 PHILIPS	9JR5700000021
R901	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R902	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R903	061G1206154	RST CHIPR 150K OHM +-5% 1/4W	9JR6100000180
R905	061T0805473	RST CHIPR 47 KOHM +-5% 1/8W	9JR6100000151
R907	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W	9JR6100000145
R908	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W	9JR6100000145
R909	061G08056800FY	RST CHIP 680R 1/8W 1%	9JR6100000179
R910	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272
R911	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272
R912	061T12061004FY	RST CHIPR 1 MOHM +-1% 1/4W YAGEO	9JR6100000272
R913	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R915	061T152M12852T SY	RST MOF 0R12 5% 2W	9JR6100000277
R916	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R917	061T0805221	RST CHIPR 220 OHM +-5% 1/8W	9JR6100000260
R918	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R919	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	9JR6100000149
R931	061T0805304	RST CHIPR 300 KOHM +-5% 1/8W	9JR6100000262
R933	061T 17220552T TZ	RST CFR 2M 1/4W 5%	9JR6100000189
R934	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R935	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R936	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R937	061T0805100 Y	RST CHIPR 10 OHM +-5% 1/8W YAGEO	9JR6100000256
R945	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	9JR6100000171
R950	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	9JR6100000172
R953	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R954	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	9JR6100000274
R955	061T 17220552T TZ	RST CFR 2M 1/4W 5%	9JR6100000189
R956	061T0805273	RST CHIPR 27 KOHM +-5% 1/8W	9JR6100000261
R957	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R958	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000138
R959	061G0805105	RST CHIPR 1M OHM +-5% 1/8W	9JR6100000173
R960	061T0805220	RST CHIPR 22 OHM +-5% 1/8W	9JR6100000139
R961	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R962	061T0805220	RST CHIPR 22 OHM +-5% 1/8W	9JR6100000139
R963	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W	9JR6100000268
R964	061T0805102	RST CHIPR 1KOHM +-5% 1/4W	9JR6100000257
R965	061T152M43852T	RST MOF 0R43 5% 2W	9JR6100000278
R966	061T08053901FY	RST CHIPR 3.9KOHM +-1% 1/8W YAGEO	9JR6100000265
R967	061T0805101	RST CHIPR 100 OHM +-5% 1/8W	9JR6100000126
R968	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R969	061T0805332 Y	RST CHIPR 3.3KOHM +-5% 1/8W YAGEO	9JR6100000263
R971	095T 90 23	JUMP WIRE	9JR9500000037
R972	061T0805205 2F	RST CHIPR 20.5KOHM +-1% 1/8W	9JR6100000259
R973	061G0805196 1F	RST CHIP 1.96K 1/8W 1%	9JR6100000176
R974	061T1206512 Y	RST CHIPR 5.1KOHM +-5% 1/4W YAGEO	9JR6100000276
R977	061T203S24252T TZ	RST MFLM 2K4 0.6W 1%	9JR6100000279
R980	061T 60247252T TZ	RST CFR 4K7 1/6W 5%	9JR6100000036
R981	061T08054702FY	RST CHIPR 47KOHM +-1% 1/8W YAGEO	9JR6100000266
R982	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	9JR6100000149
R983	061T0805221	RST CHIPR 220 OHM +-5% 1/8W	9JR6100000260
R984	061T0805123	RST CHIPR 12 KOHM +-5% 1/8W	9JR6100000258
R985	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	9JR6100000127
R986	061T0805101	RST CHIPR 100 OHM +-5% 1/8W	9JR6100000126
R987	061G 60210152T TZ	RST CFR 100R 1/6W 5%	9JR6100000169
R988	061G0805394	RST CHIPR 390 KOHM +-5% 1/8W	9JR6100000178
R990	061T0805000	RST CHIP MAX 0R05 1/8W	9JR6100000254
R991	061G08051102FY	RST CHIP 11K 1/8W 1%	9JR6100000174
R992	061G0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W	9JR6100000175
R993	061G08052202FY	RST CHIPR 22KOHM +-1% 1/8W YAGEO	9JR6100000177
R994	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	9JR6100000172
R995	061T0805332 Y	RST CHIPR 3.3KOHM +-5% 1/8W YAGEO	9JR6100000263
R996	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	9JR6100000124
R997	061T0805102	RST CHIPR 1KOHM +-5% 1/4W	9JR6100000257
R998	061T0805000	RST CHIP MAX 0R05 1/8W	9JR6100000254
RV901	061T 46906 W	VARISTOR 560V TVR14561KFC4FY	9JR6100000182
RV903	061T 46902	VARISTOR 510V TVR14511KFC4FY	9JR6100000181

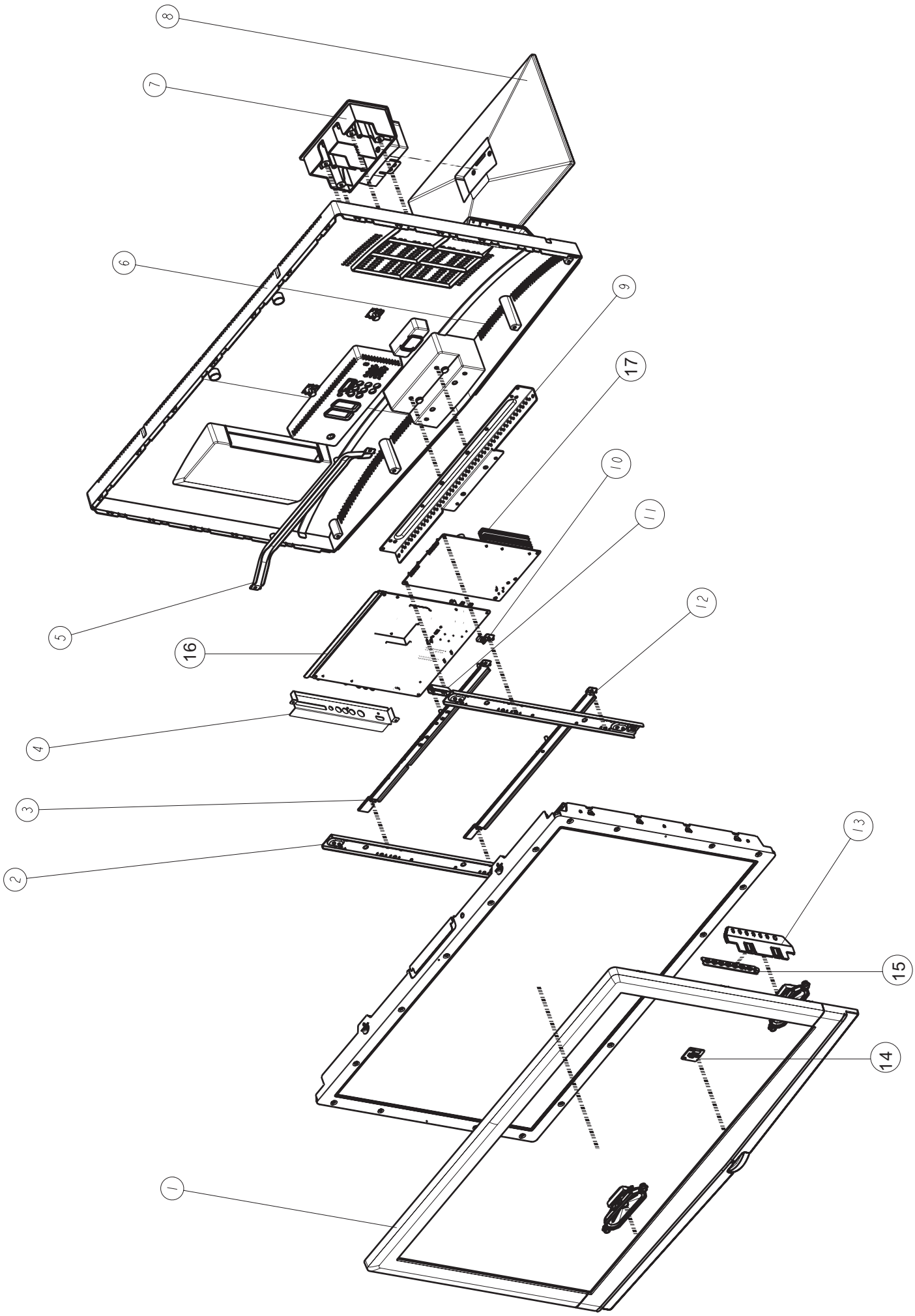
SG901	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG902	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG903	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
SG904	062T 10 18 M	SPARK GAP 200V DSP201M-A21F	9JR6200000003
T901	080TL42T916 L	XFMR 950uH PT-009601-3	9JR8000000003
T902	080TL32T 7 L	X'FMR 600uH PT-009716	9JR8000000007
ZD931	093T 39GA26 T	ZENER DIODE RLZ5.1B SEMTECH	9JR9300000051
ZD935	093T 39GA03 T	RLZ15B	9JR9300000050
ZD937	093T 39GA03 T	RLZ15B	9JR9300000050
ZD965	093G 39S 42 T	RLZ27B LLDS	9JR9300000037
ZD966	093T 39GA03 T	RLZ15B	9JR9300000050
ZD980	093G 3919352T	TVS P6KE160A DO-15	9JR9300000033
IR PCB 1056	IRPF8PB7	IR PCB ASSY	
C001	065T0603105A7Z Y	CAP CHIP 0603 1U 10V Y5V -20%+80%	9JR6500000046
C002	065T060310337Z Y	CAP CHIP 0603 10N 50V Y5V -20%+80%	9JR6500000033
C004	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
CN001	033T8032 5R H X	CON H 5P M 1.25 S1315-05RVA-1C	9JR3300000030
LED001	081T 14908 KB	LED SM KPB-3025SURKCGKC	9JR8100000001
Q001	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
Q002	057T 477900 T	TRA BC847C 100mA/50V SOT-23	9JR5700000010
R001	061T0603511 Y	RST CHIPR 510 OHM +-5% 1/10W YAGEO	9JR6100000249
R002	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R004	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R006	061T0603222 Y	RST CHIPR 2.2KOHM +-5% 1/10W YAGEO	9JR6100000091
R007	061T0603272 Y	RST CHIPR 2.7KOHM +-5% 1/10W YAGEO	9JR6100000098
R008	061T0603101 Y	RST CHIPR 100 OHM +-5% 1/10W YAGEO	9JR6100000066
U001	056T 627902	IC TSOP34438ST1	9JR5600000021
Key PCB 1057	KEPF8PB2	KEY BOARD	
0001	715T2950 1	KEY PCB	9JR7150000001
C023	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
C024	065T060310437Z Y	CAP CHIP 0603 0.1UF Z 50V Y5V	9JR6500000038
CN016	033T3802 4 H X	WAFER 4P RIGHT ANGLE PITCH 2.0	9JR3300000019
R016	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R017	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R018	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
R019	061T0603471 Y	RST CHIPR 470 OHM +-5% 1/10W YAGEO	9JR6100000111
R020	061T0603113 Y	RST CHIPR 11KOHM +-5% 1/10W YAGEO	9JR6100000218
R021	061T0603432 Y	RST CHIPR 4.3KOHM +-5% 1/10W YAGEO	9JR6100000105
R022	061T0603182 Y	RST CHIPR 1.8KOHM +-5% 1/10W YAGEO	9JR6100000082
SW016	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW017	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW018	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW019	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW020	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW021	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001
SW022	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP	9JR7700000001

[2] CABINET PARTS(LC-42SB55E)



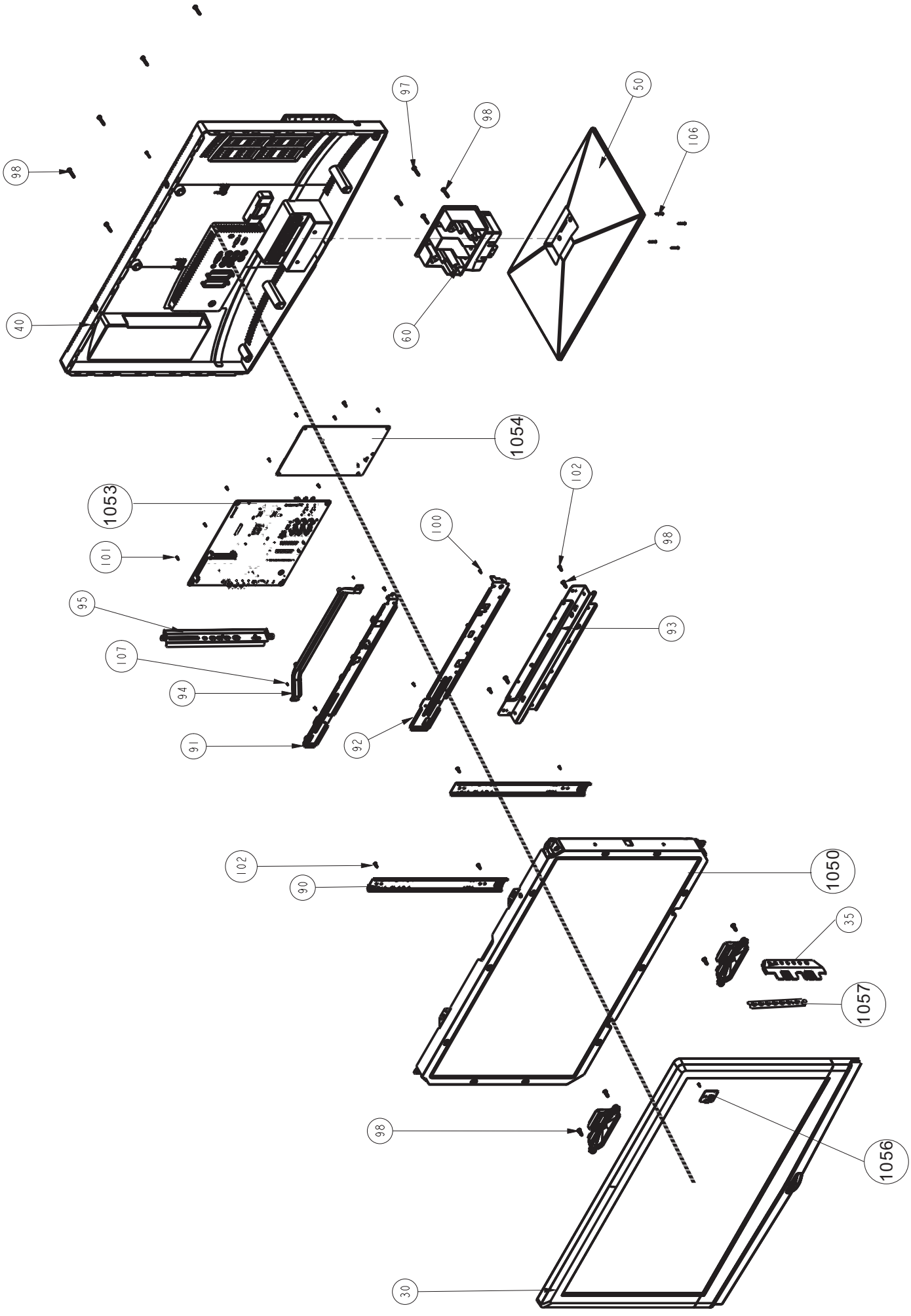
NO.	PARTS CODE	Sharp C/N	DESCRIPTION
[2] CABINET PARTS(LC-42SB55E)			
1,2,3,4,5	705TP834027	9JR7050000016	BEZEL ASSY
6	IRPF8PB7	9JR9900000009	IR PCB ASSY
7	078T 499902 1M	9JR7800000001	SPEAKER 6OHM 10W 156mmx30mm
8	750TVMT0H1743N000P	9JR7500000009	PANEL V420H1-L07 C3 NH CMO
11	A15T0297101	9JR1500000012	Panel Bracket CMO
12	P15T0393201	9JR1500000014	BRACKET_STAND
14	A15T0299301	9JR1500000013	POWER BRACKET-EU
15	A15T0302101	9JR1500000006	VESA Bracket
16	P40TN00084342B	9JR4000000021	LABEL_SIDE_IO
18	CBPF82MBPL	9JR9900000006	Main Pcb Assy SHARP 42"-CMO
19	ADTV92428PA1	9JR9900000037	POWER PCB ASSY
20	A15T0282101	9JR1500000001	bkt-vesa-btm
21,22,23	705TP834028	9JR7050000017	REAR COVER ASSY
24	KEPF8PB2	9JR9900000010	KEY BOARD
25,26,27,28,	705TP837011	9JR7050000021	BASE STAND ASSY
29,30,31,32	705TP837010	9JR7050000020	BASE ASSY

CABINET PARTS(LC-32SB25E)



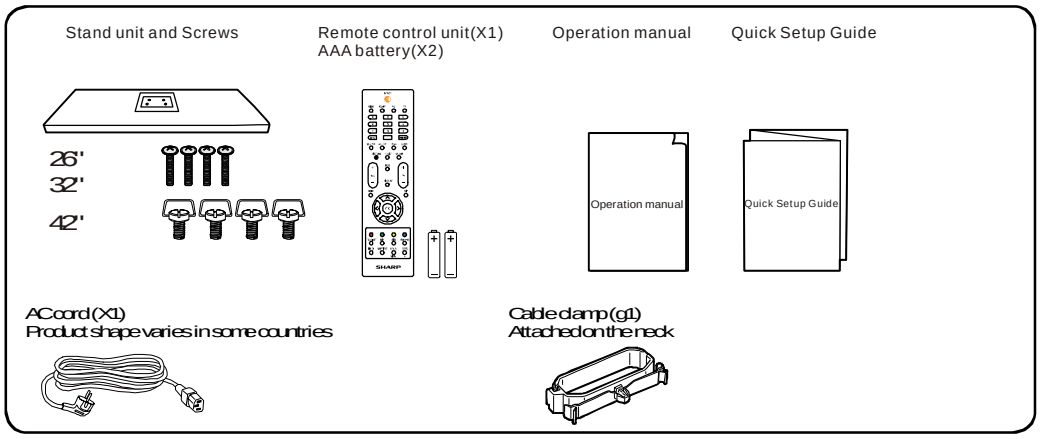
NO.	PARTS CODE	Sharp C/N	DESCRIPTION
CABINET PARTS(LC-32SB25E)			
1	705TP834025	9JR7050000014	BEZEL ASSY
6	705TP834026	9JR7050000015	REAR COVER ASSY
7	705TP837009	9JR7050000019	BASE STAND ASSY
8	705TP837008	9JR7050000018	BASE ASSY
9	P15T0413101	9JR1500000015	BRACKET_STAND_SUPPORT
13	705TP833007	9JR7050000011	KEY PAD ASSY
14	IRPF8PB7	9JR9900000009	IR PCB ASSY
15	KEPF8PB2	9JR9900000010	KEY BOARD
16	CBPF82MBPN	9JR9900000008	Main Pcb Assy SHARP 32"CMO
17	ADTV82420PA3	9JR9900000005	POWER PCB ASSY

CABINET PARTS(LC-26SB25E)

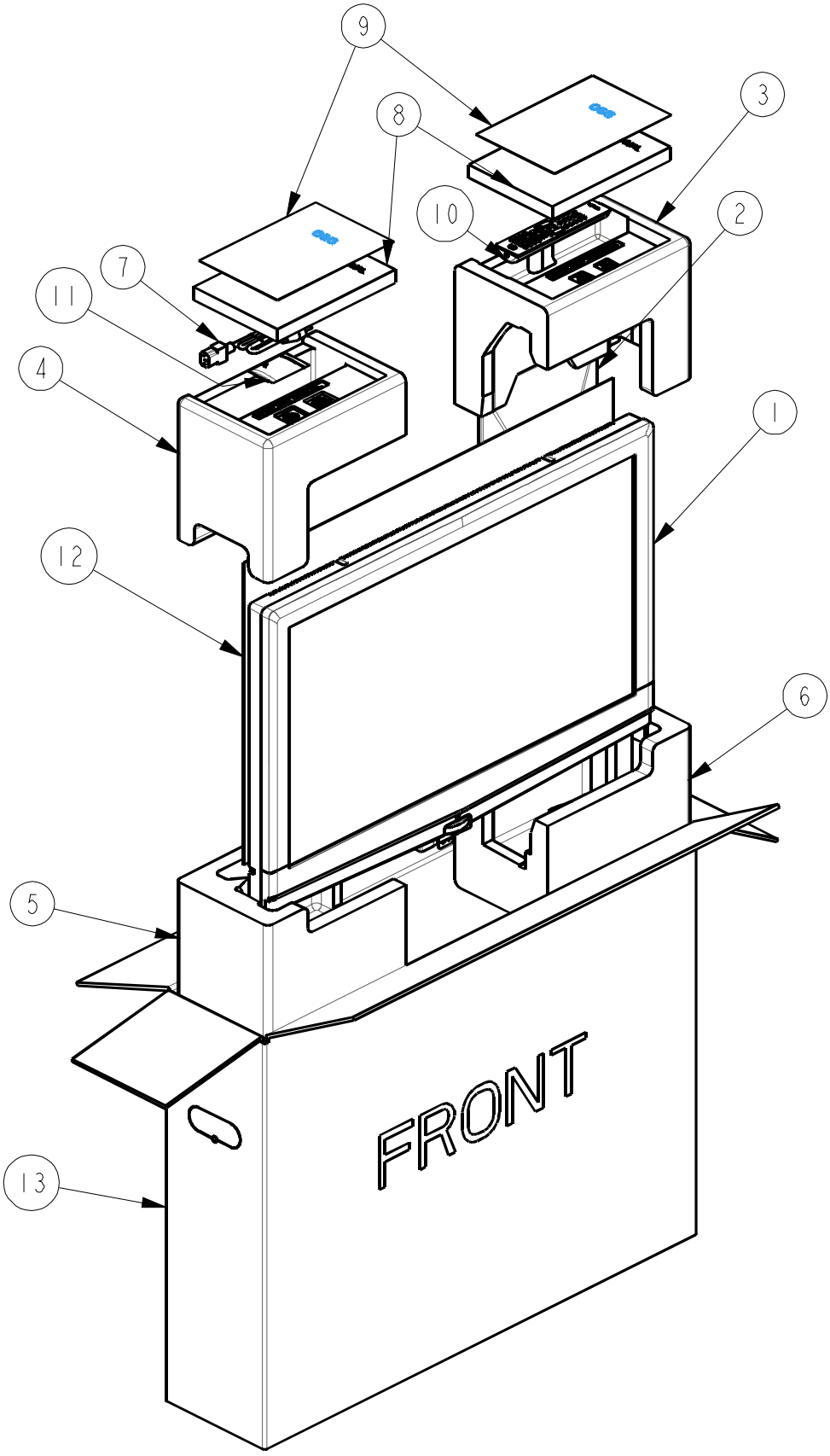


NO.	PARTS CODE	Sharp C/N	DESCRIPTION
CABINET PARTS(LC-26SB25E)			
30	705TP834023	9JR7050000012	BEZEL ASSY
35	705TP833007	9JR7050000011	KEY PAD ASSY
40	705TP834024	9JR7050000013	REAR COVER ASSY
50	705TP837008	9JR7050000018	BASE ASSY
60	705TP837012	9JR7050000022	BASE STAND ASSY
93	P15T0420101	9JR1500000016	BRACKET_BASE
97	0M1T 940 16 47 CR3	9JR0100000002	SCREW M4X6
98	0Q1T 940 16 47 CR3	9JR0100000020	SCREW
98	0Q1T 940 16 47 CR3	9JR0100000020	SCREW
106	0Q1T1830 12 47 CR3	9JR0100000022	SCREW_THW K30x12 PT W=8.5
1050	750TVM260B1113N000	9JR7500000006	PANEL V260B1-L11 NH CMO
1053	CBPF82MBPM	9JR9900000007	Main Pcb Assy SHARP 26"-CMO
1054	ADTV82420PA3	9JR9900000005	POWER PCB ASSY
1056	IRPF8PB7	9JR9900000009	IR PCB ASSY
1057	KEPF8PB2	9JR9900000010	KEY BOARD

[3] SUPPLIED ACCESSOORIES



[4] PACKING PARTS



NO.	PARTS CODE	Sharp C/N	DESCRIPTION
[2] PACKING PARTS (LC-42SB55E)			
1			SET BODY
2	705TP837010	9JR7050000020	BASE ASSY
3,4,5,6	705TZ8CS006	9JR7050000025	CUSHION assy
7	089T404A18NHT2	9JR8900000003	POWER CORD 1.8M 4L4L-040-00K
8	705TZ841028	9JR7050000023	DFU ASSY
9	P41TN025843 1C	9JR4100000006	QSG-1 (Western & North Europe)
9	P41TN026843 1B	9JR4100000007	QSG-2 (Eastern Europe & Russia)
10	098TRABD5NESHC	9JR9800000002	REMOTE CONTROL RL57S
11	0M1T6022500	9JR0100000005	SCREW
12	P45T 46023	9JR4500000008	PE BAG(1200X1000x0.72mm)
13	P44TN015843 1A	9JR4400000014	CARTON

NO.	PARTS CODE	Sharp C/N	DESCRIPTION
[2] PACKING PARTS (LC-32SB25E)			
1			SET BODY
2	705TP837008	9JR7050000018	BASE ASSY
3,4,5,6	705TZ8CS008	9JR7050000027	Cushion Assy
7	089T404A18NHT2	9JR8900000003	POWER CORD 1.8M 4L4L-040-00K
8	705TZ841028	9JR7050000023	DFU ASSY
9	P41TN025843 1C	9JR4100000006	QSG-1 (Western & North Europe)
9	P41TN026843 1B	9JR4100000007	QSG-2 (Eastern Europe & Russia)
10	098TRABD5NESHC	9JR9800000002	REMOTE CONTROL RL57S
11	0Q1T1830 12 47 CR3	9JR0100000022	SCREW_THW K30x12 PT W=8.5
12	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)
13	P44TJ017843 1A	9JR4400000013	CARTON

NO.	PARTS CODE	Sharp C/N	DESCRIPTION
[2] PACKING PARTS (LC-26SB25E)			
1			SET BODY
2	705TP837008	9JR7050000018	BASE ASSY
3,4,5,6	705TZ8CS007	9JR7050000026	CUSHION ASSY
7	089T404A18NHT2	9JR8900000003	POWER CORD 1.8M 4L4L-040-00K
8	705TZ841028	9JR7050000023	DFU ASSY
9	P41TN025843 1C	9JR4100000006	QSG-1 (Western & North Europe)
9	P41TN026843 1B	9JR4100000007	QSG-2 (Eastern Europe & Russia)
10	098TRABD5NESHC	9JR9800000002	REMOTE CONTROL RL57S
11	0Q1T1830 12 47 CR3	9JR0100000022	SCREW_THW K30x12 PT W=8.5
12	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)
13	P44TE009843 1A	9JR4400000012	CARTON

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